```
1
    MELINDA HAAG (CABN 132612)
    United States Attorney
 2
    J. DOUGLAS WILSON (DCBN 412811)
 3
    Chief, Criminal Division
   PETER B. AXELROD (CABN 190843)
 4
    JOHN H. HEMANN (CABN 165823)
 5
    Assistant United States Attorneys
    RICHARD S. SCOTT (DCBN 502455)
 6
    Trail Attorney, National Security Division
 7
           450 Golden Gate Avenue, Box 36055
 8
           San Francisco, California 94102-3495
          Telephone: (415) 436-6774
 9
          FAX: (415) 436-7234
          Peter.Axelrod@usdoj.gov
10
    Attorneys for Plaintiff
11
                                UNITED STATES DISTRICT COURT
12
                              NORTHERN DISTRICT OF CALIFORNIA
13
14
                                    SAN FRANCISCO DIVISION
15
    UNITED STATES OF AMERICA,
                                                 CASE NO. CR 11-0573 JSW
16
                                                 FIRST AMENDED EXHIBIT LIST
          Plaintiff,
17
                                                 Trial Date: January 6, 2014
       v.
18
    WALTER LIEW; USA PERFORMANCE
    TECHNOLOGY, INC.; AND ROBERT
19
    MAEGERLE,
20
          Defendants.
21
22
23
           Pursuant to the Court's Guidelines for Motions, Final Pretrial Conference, and Trial in
24
    Criminal Cases ("Guidelines") and the Court's Order Regarding Deadlines for Exhibit Lists (Dkt.
25
    546), the United States respectfully files the attached First Amended Exhibit list. Subject to the Court's
26
    ///
27
    ///
28
    ///
    FIRST AMENDED EXHIBIT LIST
    CR 11-0573 JSW
```

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page2 of 244

1	Guidelines, the United States reserve the right to	amend their list during trial as necessary.
2		
3		
4	DATED: January 6, 2014	Respectfully submitted,
5		MELINDA HAAG United States Attorney
6		/s/
7		PETER B. AXELROD JOHN H. HEMANN
8		Assistant United States Attorney
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
2526		
27		
28		
20		

FIRST AMENDED EXHIBIT LIST CR 11-0573 JSW

Case3:11-cr-00573-JSW Deciment661 Filed01/06/14 Page3 of 244

Exhibit	Description	Origin	Bates Label	File Path	Offered	Received	Limitations
1	Trade Secret 4, "Edge Moor Pigments Plant Flowsheet - Reaction Area" number EK2411 (large physical item)	Liew Residence		Н-1В29			
2	Trade Secret 2, "Edge Moor Plant Oxidation W/RPS System Drawing" number W1245258 (large physical item)	Liew Residence		Н9			
3	"Edge Moor Plant Oxidation W/RPS System Drawing" number W1245258	Able-Baker Automation	C1-015485				
4	"Edge Moor Plant Oxidation W/RPS System Drawing" number W1245258	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332			
5	"Edge Moor Plant Oxidation W/RPS System Drawing" number W1245258	Maegerle Residence	C2-000025	SVE039308			
6	"Edge Moor Plant Oxidation W/RPS System Drawing" number W1245258	USAPTI Office	C2-000024	SVE034330			
7	"Edge Moor Plant Oxidation W/RPS System Drawing" number W1245258 (large physical item)	Liew Residence		H-1B29			
8	"Edge Moor Pigments Plant Flowsheet - Reaction Area" number EK2411	Able-Baker Automation	C1-015488				
9	"Edge Moor Pigments Plant Flowsheet - Reaction Area" number EK2411	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332			

Case3:11-cr-00573-JSW Deciment661 Filed01/06/14 Page4 of 244

10	"Edge Moor Pigments Plant Flowsheet - Reaction Area" number EK2411	Maegerle Residence	C2-000025	SVE039308		
11	Handwritten note with "Fortran 77"	USAPTI Office	C2-000002	O31		
12	Email with attachments from Thongchai T. to Thongchai T. Re: Fortran CFD Code (02/22/2011)	Google Email	C2-000009	SVE034578		
13	Email with attachments from Thongchai T. to Thongchai T. Re: Fortran Phrase 01 (03/04/2011)	Google Email	C2-000009	SVE034578		
14	Email with attachments from Thongchai T. to Thongchai T. Re: Fortran Update Mar0811 (03/08/2011)	Google Email	C2-000009	SVE034578		
15	Scan of Appendix B to the DuPont Accession Report	USAPTI Office	C2-000022	SVE034301		
16	Email from noreply@hotfile.com to tonyd.uspg@yahoo.com Re: Hotfile: Links to file (04/16/2011, 3:43 PM)	USAPTI Office	C2-000022	SVE034301		
17	Email from noreply@hotfile.com to tonyd.uspg@yahoo.com Re: Hotfile: Links to file (04/16/2011, 4:24 PM)	USAPTI Office	C2-000022	SVE034301		
18	Email from noreply@hotfile.com to tonyd.uspg@yahoo.com Re: Hotfile: Links to file (04/16/2011, 3:16 PM)	USAPTI Office	C2-000022	SVE034301		

Case3:11-cr-00573-JSW Deciment661 Filed01/06/14 Page5 of 244

19	Email from noreply@hotfile.com to tonyd.uspg@yahoo.com Re: Hotfile: Links to file (04/16/2011, 3:24 PM)	USAPTI Office	C2-000022	SVE034301		
20	Email from noreply@hotfile.com to tonyd.uspg@yahoo.com Re: Hotfile: Links to file (04/14/2011, 11:10 AM)	USAPTI Office	C2-000022	SVE034301		
21	File electronically entitled "F;ortran-Code- Projects1_2," including attachment titled "FORTRAN-SC_2"	USAPTI Office	C2-000023	SVE034306		
23	Portion of FORTRAN Code, file entitled "FORTRAN-SC"	USAPTI Office	C2-000022	SVE034301		
24	Portion of FORTRAN Code, file entitled "BLCKMX-INC"	USAPTI Office	C2-000022	SVE034301		
25	Portion of FORTRAN Code, file entitled "BLOCKOUT-INC"	USAPTI Office	C2-000022	SVE034301		
26	Portion of FORTRAN Code, file entitled "SUBROUTINE-DATAIN"	USAPTI Office	C2-000022	SVE034301		
27	Portion of FORTRAN Code, file entitled "SUBROUTINE-ECHO"	USAPTI Office	C2-000022	SVE034301		
28	Portion of FORTRAN Code, file entitled "SUBROUTINE-FEEDZ"	USAPTI Office	C2-000022	SVE034301		

Case3:11-cr-00573-JSW Deciment661 Filed01/06/14 Page6 of 244

29	Portion of FORTRAN Code, file entitled "SUBROUTINE-INIT"	USAPTI Office	C2-000022	SVE034301		
30	Portion of FORTRAN Code, file entitled "SUBROUTINE-QUENCH"	USAPTI Office	C2-000022	SVE034301		
31	Portion of FORTRAN Code, file entitled "SUBROUTINE-TIO2"	USAPTI Office	C2-000022	SVE034301		
32	Portion of FORTRAN Code, file entitled "SUBROUTINE-WRITER"	USAPTI Office	C2-000022	SVE034301		
33	Document entitled "Fortran 90 Basics"	USAPTI Office	C2-000023	SVE034306		
34	Document entitled "FORTRAN (FORmula TRANslation)"	USAPTI Office	C2-000023	SVE034306		
35	Four Photos and envelope with Chinese characters, including photograph of DuPont Antioch sign (03/07/1997)	Liew Residence	C2-000003	H16		
36	Color photograph from file labeled "Oxid" at Maegerle residence	Maegerle Residence	C2-000014	1B033		
37	Email from Robert Maegerle to Walter Liew Re: I am in Beijing (10/08/2005)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW Deciment661 Filed01/06/14 Page7 of 244

38	Email and attachments from Robert Maegerle to waltliew@performanceusainc Re: 17 Plant Pictures (10/08/2005)	Yahoo! Email	C2-00004 - C2-00009	SVE034575		
39	Nine photographs located in a folder entitled "Kuanyin Pictures"	USAPTI Office	C2-000024	SVE034330		
40	Nine photographs located in folder labeled "Plant Pictures"	USAPTI Office	C2-000024	SVE034330		
41	31 photographs located in folder labeled "Plant Pictures"	USAPTI Office	C2-000024	SVE034330		
42	21 photographs located in folder labeled "Plant Pictures"	USAPTI Office	C2-000024	SVE034330		
43	9 photographs from Able Baker Automation	Able-Baker Automation	C1-002933 - C1-002941			
44	31 photographs from Able Baker Automation	Able-Baker Automation	C1-002942 - C1-002972			
45	21 photographs from Able Baker Automation	Able-Baker Automation	C1-002973 - C1-002993			
46	White binder labeled "Calculations for 100K Project" containing hand drawn sketches and other materials	Liew Residence	C2-000003	H32		

Case3:11-cr-00573-JSW Decline 1661 Filed01/06/14 Page8 of 244

47	White binder containing hand drawn sketches and other materials	Liew Residence	C2-000003	H32		
48	Black binder containing documents entitled "Chlorinator Lining Procedure," hand-drawn sketches and other materials	USAPTI Office	C2-000002	Ol		
49	Handwritten document entitled "Calculation / Estimate of Utilities"	USAPTI Office	C2-000002	O14		
50	Collection of materials including emails from Robert Maegerle to Walter Liew and hand- drawn sketches	USAPTI Office	C2-000002	017		
51	Binder labeled "Bob Maegerle" containing hand drawn sketches and other materials	USAPTI Office	C2-000002	O26		
52	Collection of materials including "100K Oxidation Reactor drawing comments," hand drawn sketches, and process flow diagrams	USAPTI Office	C2-000002	O26		
53	Binder labeled "Gaylord Chemical Corporation, DMSO2 Process Package" containing hand drawn sketches and other materials	Maegerle Residence	C2-000014	1B007		
54	Letter from Robert Maegerle to Dennis Dakin at DuPont (05/24/1996)	Maegerle Residence	C2-000014	1B001		
55	Documents entitled "Attachment 4 Basic Data Supplied by the Buyer" and "Comments on Data Supplied by Ningbo"	Maegerle Residence	C2-000014	1B026		

Case3:11-cr-00573-JSW Deciment661 Filed01/06/14 Page9 of 244

56	Document entitled "Personnel" with handwritten notes and document "Investment Estimates" with handwritten notes	Maegerle Residence	C2-000014	1B026		
57	Handwritten notes on the back of IRS form 1040	Maegerle Residence	C2-000014	1B026		
58	Handwritten notes labeled "Flue Pond"	Maegerle Residence	C2-000014	1B026		
59	Handwritten notes labeled "Chlorinator"	Maegerle Residence	C2-000014	1B026		
60	Handwritten notes labeled "Conceptual Mtg - Agenda"	Maegerle Residence	C2-000014	1B026		
61	Handwritten notes labeled "Chlorinator"	Maegerle Residence	C2-000014	1B033		
62	Handwritten note labeled "Cost Reductions from Taiwan Base"	Maegerle Residence	C2-000014	1B033		
63	Letter from Bob Maegerle to Jack Sheehand Re: Oxidation Reactor for China TiO2 (03/02/2008)	Maegerle Residence	C2-000014	1B033		
64	Email and attachment from Robert Maegerle to Walter Liew Re: Purification Column Conceptual Design (05/04/2007)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page10 of 244

65	Hand drawn sketch labeled "C-561 Column"	Maegerle Residence	C2-000025	SVE039312		
66	Email from Robert Maegerle to Walter Liew Re: Fatty Acid (01/18/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
67	Email from Robert Maegerle to waltliew@performanceincusa.com Re: Demin. Water, Nitrogen (02/23/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
68	Handwritten document labeled "Demin Water"	USAPTI Office	C2-000024	SVE034330		
69	Email from Robert Maegerle to Brijesh Bhatnagar and Walter Liew Re: Tall Gas Stack Velocities (03/18/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
70	Email from Robert Maegerle to Walter Liew Re: Question on AlCl3 balances (05/08/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
71	Email from Walter Liew to r_maegerle@yahoo.com Re: 100K Finishing Equipment (07/28/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
72	Email and attachment from Robert Maegerle to Walter Liew Re: PanGang (08/02/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
73	Document labeled "TiO2 Producer's Raw Materials Tabulation" (from safe deposit box)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page11 of 244

74	Document labeled "TiO2 Producer's Raw Materials Tabulation" (from Maegerle residence)	Maegerle Residence	C2-000025	SVE035866		
75	Document labeled "TiO2 Producer's Raw Materials Tabulation"	Able-Baker Automation	PTI-000608 - PTI-000938			
76	Document labeled "Raw Materials to Support a 100K T/Y TiO2 Battery Limits Facility"	Maegerle Residence	C2-000025	SVE039313		
77	Email from Robert Maegerle to Walter Liew Re: Full Message (08/04/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
78	Email from Robert Maegerle to Walter Liew Re: Chlorinator Velocity (10/25/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
79	Email from Robert Maegerle to Walter Liew Re: Input from Pangang (12/04/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
80	Email from Robert Maegerle to Walter Liew Re: Shot Bin at Oxidation (12/20/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
81	Email and attachment from Robert Maegerle to Walter Liew Re: Conceptual 100k T/Y Reactor (03/09/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
82	Email from rmaegerle@usapti.com to Walter Liew Re: Fluidization Air Requirement (06/22/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page12 of 244

83	Email from Robert Maegerle to Walter Liew Re: Chlorinator Fluidization (06/25/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
84	Email and attachments from Robert Maegerle to Walter Liew Re: Attachment (06/25/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
85	Email and attachments from Robert Maegerle to Walter Liew Re: Pangang Chlorinator Design (07/04/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
86	Documents labeled "100K T/Y TiO2 Chlorinator Design 1/3," "100K T/Y TiO2 Chlorinator Design 2/3," "100K T/Y TiO2 Chlorinator Jets 3/3"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
87	Email and attachments from Robert Maegerle to Walter Liew Re: Reaction Front End Layout (07/13/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
88	Documents labeled "100K T/Y TiO2 Chlorinator Section 1/3," "100K T/Y TiO2 Spray Cond Section 2/3," "100K T/Y TiO2 Proposed Equip Arrg't 3/3"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
89	Email and attachment from Robert Maegerle to Walter Liew Re: 100K T/Y Conceptual Reactor Design (07/17/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
90	Email and attachments from Robert Maegerle to Walter Liew Re: Oxidation Reactor (07/19/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
91	Email and attachment from Robert Maegerle to Walter Liew Re: Fume Disposal Systems (08/06/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page13 of 244

92	Email and attachments from Robert Maegerle to Walter Liew Re: 100k T/Y (08/14/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
93	Email and attachments from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Preliminary SR Condenser Design (08/16/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
94	Email and attachment from Robert Maegerle to Walter Liew, carbon copy Jatin Patel Re: N.R. Cyclone (08/17/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
95	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: SR Condensate Tank (08/18/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
96	Email and attachments from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Tank Details (08/21/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
97	Email from Robert Maegerle to Walter Liew Re: CTW Tab (08/18/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
98	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: #1 CC (08/19/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
99	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: No. 2 CC (08/20/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
100	Email from Robert Maegerle to Walter Liew Re: Gas Flow to O2 Rx Insert (08/23/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page14 of 244

101	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Purification Column (08/24/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
102	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Flash Tank Design (08/24/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
103	Email and attachments from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Slurry Tank (08/27/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
104	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Fume Scrubbers (08/29/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
105	Email and attachments from Robert Maegerle to Walter Liew Re: Pipe Spec (08/29/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
106	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Eq Arrgt (09/01/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
107	Email and attachments from Robert Maegerle to Walter Liew Re: Conceptual Equipment Arrangements (09/02/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
108	Email from Robert Maegerle to Walter Liew Re: Flue Pond Piping (09/03/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
109	Email and attachments from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Oxidation Equipment Arrangements (09/04/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page15 of 244

110	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: 100k T/Y Oxidation Screw Conveyors (09/06/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
111	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Oxidation Area Direct Fired Heaters (09/20/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
112	Email and attachment from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Ox Filter Spec (09/23/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
113	Email and attachments from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Conceptual Cl2 P&I (10/08/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
114	Email and attachments from Robert Maegerle to Walter Liew, carbon copy to Jatin Patel Re: Heat Exchanger Spec's (10/17/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
115	Email from Robert Maegerle to Len Tilton, carbon copy to Walter Liew (no subject) (12/07/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
116	Email and attachments from Robert Maegerle to Walter Liew Re: Waste Water Systems (12/29/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
117	Email and attachment from Robert Maegerle to Walter Liew Re: 100k T/Y Oxid. Reactor (01/05/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
118	Email and attachment from Robert Maegerle to Walter Liew and Len Tilton Re: Vertical Pump Data (01/23/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page16 of 244

119	Email from Robert Maegerle to Walter Liew Re: Purge Rate (04/12/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
120	Email and attachments from Robert Maegerle to Walter Liew Re: Heater Spec (04/29/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
121	Email and attachments from Robert Maegerle to Walter Liew Re: Purification Column R-3550 (05/05/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
122	Email from Robert Maegerle to Walter Liew Re: Fw: SR Pumping (06/22/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
123	Email from Robert Maegerle to Philipp Ilagan Re: 100k Oxidation Piping (06/30/2010)	Google Email	C2-000010	SVE034579		
124	Email and attachment from Robert Maegerle to Walter Liew Re: Slurry Pumping (07/10/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
125	Email from Robert Maegerle to kchen@usapti.com and Walter Liew Re: Slurry viscosity (08/04/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
126	Email from Robert Maegerle to Allen Chang and Ruth Oduca, carbon copy to Walter Liew Re: Nitrogen flow to Chlorinator (08/26/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
127	Document containing emails from Robert Maegerle	Liew Residence	C2-000024	SVE034367		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page17 of 244

128	Email from Robert Maegerle to Allen Chang, Walter Liew and Ruth Oduca Re: Slurry Tank Rotary Valve (01/31/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
129	Email from John Liu to Robert Maegerle and Walter Liew Re: Stack Problem (03/14/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
130	Email and attachments from Robert Maegerle to Allen Chang Re: Additional Write-ups (05/19/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
131	Hand drawn sketches and notes, including documents entitled "30,000 T/Y TiO2 - Oxidation Ground FLR Plan, "30,000 TiO2 - Finishing Plan," and "30,000 TiO2 - Plot Plan"	Able-Baker Automation	C1-003004 C1-003013 C1-003021 - C1-003027			
132	Hand drawn sketch labeled "Critical Path - TiO2 Project Schedule"	Able-Baker Automation	C1-002572			
133	Hand drawn sketch labeled "30,000 T/Y TiO2 - Combustion Chamber"	Able-Baker Automation	C1-003031			
134	Handwritten documents labeled Oxid Stor Bins 1/3, Oxid Bag Filter 2/3, Flue Pond Size 3/3	Able-Baker Automation	C1-003035 - C1-003037			
135	Handwritten document labeled "Oxid Stor Bins"	Maegerle Residence	C2-000025	SVE039308		
136	Handwritten documents labeled "Oxid Stor Bins 1/3," "Oxid Bag Filter 2/3," "Flue Pond Size 3/3"	USAPTI Office	C2-000024	SVE034330		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page18 of 244

137	Hand drawn sketch labeled "Oxidation Reactor - Conceptual Layout - Not to Scale"	Liew Residence	C2-000024	SVE034409		
138	Handwritten documents labeled "Chlorinator Jet and Bottom Detail"	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		
139	Handwritten documents labeled "Spiral Detail"	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		
140	Handwritten document labeled "Chlorinator Manway Detail"	Maegerle Residence	C2-000025	SVE039312		
141	Handwritten documents labeled "Manifold Section"	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		
142	Handwritten documents labeled "Chlorinator Manifold 1/2"	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		
143	Handwritten documents labeled "Chlorinator Manifold 2/2"	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		
144	Documents labeled Design Data for "V-39 Level Tk Sheet #2" (03/21/1994)	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		
145	Documents labeled Design Data for "V-39 Level Tk Sheet #1" (03/21/1994)	Maegerle Residence, USAPTI Office	C2-000025 C2-000022	SVE039312 SVE034312		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page19 of 244

146	Document entitled "Recipe Run No.1" (from Maegerle residence)	Maegerle Residence	C2-000025	SVE035866		
147	Document entitled "Recipe Run No.1" (from USAPTI office)	USAPTI Office	C2-000024	SVE034330		
148	Document labeled "Oxidation Reactor / Flue Pond - Design Basis" (from Abel Baker Automation)	Able-Baker Automation	C1-000317			
149	Document labeled "Oxidation Reactor / Flue Pond - Design Basis" (from Maegerle residence)	Maegerle Residence	C2-000025	SVE039311		
150	Hand drawn documents labeled "Oxidation Schematic - TiCl4 Heating / AlCl3 Generation 1/3," "Oxidation Schematic - O2 Heating / Reactor 2/3," "Oxidation Schematic - Cl2 Separation / TiO2 Slurry 3/3"	USAPTI Office	C2-000024	SVE034330		
151	Handwritten document labeled "Steam Consumption"	USAPTI Office	C2-000024	SVE034330		
152	Document labeled "Oxidation Reactor Considerations"	Maegerle Residence	C2-000025	SVE035863		
153	Document labeled "100K T/Year Oxidation Reactor Refractory Thickness"	Maegerle Residence	C2-000025	SVE035863		
154	Document labeled "Chloride TiO2 Process"	Maegerle Residence	C2-000025	SVE035864		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page20 of 244

155	Document labeled "60,000 MT/Y TiO2 Production"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
156	Document labeled "Average Tail Gas Composition"	Able-Baker Automation	C1-000287			
157	Document labeled "Selected Questions for Bob to Answer"	Able-Baker Automation	C1-000346 - C1-000350			
158	Handwritten document labeled "Finishing Area Design Basis"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
159	Handwritten documents labeled "Spec RJM 94-8"	Maegerle Residence	C2-000025 C2-000022	SVE039312 SVE034312		
160	Handwritten document labeled "Spec RJM 94-8"	USAPTI Office	C2-000024	SVE034330		
161	Trade Secret 5, DuPont Document EM-C-8510-0148 entitled "60,000 Metric Tons per Year Scope / Basic Data" (entire document not scanned)	DuPont	C1-000866 - C1-1001371			
162	Trade Secret 3, Document entitled "Improved Mixing Correlation for the TiCl4 Oxidation Reaction Computer Model" (#18135) (09/07/1994)	DuPont	C1-002402 - C1-002510			
163	Handwritten document labeled "Mixing in TiCl4 Oxidation Reactors"	John Liu	C1-006607			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page21 of 244

164	Set of drawings listing contract number 09USSCY32PGTY24	USAPTI Office	C2-000023	SVE034306		
165	Document listing correspondence between Peter Zisko and Robert Maegerle (01/10/2006)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
166	Document labeled "Data Supplied by Ningbo"	Maegerle Residence	C2-000014	1B026		
167	Fax from Pangang Group International Economic and Trading Co, Ltd (09/30/2007)	Liew Residence	C2-000003	H29		
168	Document entitled "Cost of TiO2 Plant by Bob 3: 15-1998" (03/15/1998)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
169	Correspondence to "Walter"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
171	Email and attachments from Walter Liew to Hua Huang Re: Draw Off System (02/14/2006)	USAPTI Office	C2-000024	SVE034330		
172	Correspondence from Robert Maegerle to Walter Liew at Performance Group with envelope and article entitled "Edge Moor pigment plant avoids layoffs" (12/05/2008)	USAPTI Office	C2-000002	O38		
173	Binder labeled "Standards Spec's GCC"	Maegerle Residence	C2-000014	1B007		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page22 of 244

174 174T	Notebook labeled "Composition Book 5/2011 to" in a brown cover, containing materials including handwritten notes in Chinese and English and "trade secret" written in English	Liew Residence	C2-000003	H28		
175	Email with attachments between Robert Maegerle and Walter Liew Re: Oxidation Reactor (07/16/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
176	Email from Peter Zisko to Robert Maegerle, carbon copy to Walter Liew and Ernie Nelson Re: FK Pump (01/10/2006)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
177	Email from Walter Liew to Robert Maegerle, carbon copy to Steve Amerine Re: Ti Chloride Waste Neutralization Plant Strategy (10/3/2008)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
178	Faxes Between Walter Liew and Robert Maegerle	Liew Residence	C2-000003	Н6		
179	Fax from Robert Maegerle to Walter Liew listing Equipment, Cost Est, and Basis (04/28/98)	Liew Residence	C2-000024	SVE039339		
180 180T	Document in Chinese, translated document entitled "Comments Regarding the Quality Analysis of R-298"	Rodeway Inn - Room 117	C2-000026	SVE034405		
181	Document and drawings marked with East China Engineering Science and Technology Co, Ltd	Maegerle Residence	C2-000025	SVE035862		
182	Set of process flow diagrams labeled with contract number 09USSCY32PGTY24 (09/01/2009)	Maegerle Residence	C2-000025	SVE035862		
183	Equipment specifications for contract number 09USSCY32PGTY24 (03/15/2010)	Maegerle Residence	C2-000025	SVE035862		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page23 of 244

184	Set of PFD documents entitled "Pangang Group Titanium Industry 100,000 MTPY TiO2 Production by Chloride Process" (04/30/2010)	Rodeway Inn - Room 117	C2-000026	SVE034405		
185	Document labeled "TiO2 Questions"	Liew Residence	C2-000003	H16		
186 186T	Document in Chinese, translated document entitled "Content of the Technical Discussion on the Chlorination Process for Titanium Dioxide"	USAPTI Office	C2-000024	SVE034330		
187	Binder labeled "Volume III, BI Submittal" (09/2009)	USAPTI Office	C2-000002	O10		
188	Binder labeled "Process Description"	USAPTI Office	C2-000002	011		
189	Binders labeled "Process Volume I, Process Volume II" (09/2009)	USAPTI Office	C2-000002	O22		
190	Binder labeled "Equipment List, Equipment Motor List, Recommended Import List"	USAPTI Office	C2-000002	O24		
191	Document in Chinese and English labeled "Assessment of the Proposed Pangang 100K tpa TiO2 Chloride Process Flowsheet and P&ID" (09/25/2009)	Rodeway Inn - Room 117	C2-000026	SVE034405		
192 192T	Document in Chinese, translated document entitled "Chengdu and Xilian Consultation Report - Chinese"	Rodeway Inn - Room 117	C2-000026	SVE034405		
193 193T	Document in Chinese, translated document entitled "Chengdu BI Review Work Summary"	Rodeway Inn - Room 117	C2-000026	SVE034543		
194 194T	Document in Chinese, translated document entitled "Exchange Meeting with Chengdu, XU Jingling"	Rodeway Inn - Room 117	C2-000026	SVE034405		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page24 of 244

195 195T	Document in Chinese, translated document entitled "Chengdu Exchange Experience - SUN Yongze" (10/9/2009)	Rodeway Inn - Room	C2-000026	SVE034405		
196 196T	Document in Chinese, translated document entitled "A Summary of the Technical Consultation at Chengdu ZHANG Lincang" (9/20-30/2009)	Rodeway Inn - Room 117	C2-000026	SVE034405		
197 197T	Document in Chinese, translated document entitled "Summary of technical consultancy in Chengdu, Liao" (9/20-30/2009)	Rodeway Inn - Room 117	C2-000026	SVE034405		
198	Letter to Robert Maegerle referencing Consulting Services for Titanium Dioxide Retrofit Feasibility Study (05/10/1996)	Maegerle Residence	C2-000014	1B031		
199	Document entitled "Notes from Tim Spitler"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
200	Envelope and letter from Walter Liew and Christina Liew to Timothy Spitler (2/10/2004)	Spitler Residence	C2-004798	1B130		
201	Document labeled "Notes from Tim" (10/16/2004)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
202	Document entitled "Bob and Tim on Coating Recipe"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
203	Document entitled "Tim's Notes"	USAPTI Office	C2-000022	SVE034309		
204	Handwritten notes labeled "Tim's"	Liew Residence	C2-000003	Н16		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page25 of 244

207			ga 00000			
205	Handwritten notes labeled "Tim 1/15/04"	Liew Residence	C2-000003	Н6		
206	Letter from Walter Liew to "Tim"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
207	Grey binder containing handwritten notes, LH Performance Inc company profile and other materials	Liew Residence	C2-000003	H23		
208	Binder labeled "Tim"	Liew Residence	C2-000003	Н6		
209	Collection of materials including LH Performance Employment Verification documents listing Michael Liew as "Chairman of the Board," handwritten notes in English and Chinese, and other materials	Liew Residence	C2-000003	Н7		
210 210T	Handwritten notes in Chinese and English, including "Bob and Dan conference" in English, and "Schedule a time with them" translated from Chinese	Liew Residence	C2-000003	НЗ		
211 211T	Mead Composition notebook labeled "3/21/08 - 6/2008" containing handwritten notes in Chinese and English and other material	USAPTI Office	C2-00002	O19		
212	Address labels from Walter Liew to Tim Spitler and Bob Maegerle	Liew Residence	C2-000024	SVE034491		
213	Emails between Jreeves130, Rreeves104 and Tzechao (03/09/2004)	Chao Residence		1B222		
214	Correspondence from Frederick Arbogast to Walter Liew (09/12/1997)	Liew Residence	C2-000003	Н7		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page26 of 244

215	Correspondence from Michael Marinak to Walter Liew (09/21/1996)	Liew Residence	C2-000003	Н11		
216	Collection of materials including letter to Mike Marinak from Walter Liew, a document entitled "3,000 t/y Para-dichloro-benzene," and notes in English and Chinese	Liew Residence	C2-000003	H11		
217	Collection of materials including flow charts, a document listing raw materials cost, and handwritten notes	Liew Residence	C2-000003	Н11		
218	Fax materials from Michael Marinak with information from www.ispcorp.com and handwritten notes	Liew Residence	C2-000003	Н7		
219	Email from Walter Liew to Mike Marinak Re: Chlorpyrifos for China (10/21/2004)	USAPTI Office	C2-000024	SVE034330		
220	Correspondence from Robert Maegerle to Walter Liew, carbon copy to Mike Marinak, Fred Arbogast, Dan McIntosh (08/30/1997)	Liew Residence	C2-000003	Н6		
221	Letter from Frederick Arbogast to Robert Maegerle (08/05/1997)	Maegerle Residence	C2-000014	1B031		
222	Letter from Michael Marinak to Walter Liew (10/10/1996)	Liew Residence	C2-000003	Н4		
223	Correspondence from Robert Maegerle to Walter Liew, carbon copy to Mike Marinak, Fred Arbogast, Dan McIntosh (08/30/1997)	Liew Residence	C2-000024	SVE039339		
233 233T	Document in Chinese, translated document entitled "BI Technical Consultation for the Pangang TZPI"	Rodeway Inn - Room 117	C2-000026	SVE034263		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page27 of 244

234 234T	Document in Chinese, translated letter from "Philip Murphy, Managing Director, TZPI," to "Pangang Group Titanium Company"	Rodeway Inn - Room 117	C2-000026	SVE034264		
235 235T	Document in Chinese, translated document entitled "BI Design Review Commission for the 100Kt/a Chloride Titanium Dioxide Project of Pangang Group Titanium Industry Co., Ltd"	Rodeway Inn - Room 117	C2-000026	SVE034543		
236 236T	Document in Chinese, translated document entitled "Summary on the Technical Exchange with Chengdu Westunion Chemical Corporation and Suggestions"	Rodeway Inn - Room 117	C2-000026	SVE034405		
237 237T	Document in Chinese, translated document entitled "Regarding Letter of Cooperation with TZMI Consulting Co., (Mineral Resources)"	Rodeway Inn - Room 117	C2-000026	SVE034263		
238 238T	Document in Chinese, translated document entitled "Proposal Regarding TZMI's Concepts of Collaboration Related to Pangang's Titanium Chloride"	Rodeway Inn - Room 117	C2-000026	SVE034405		
239 239T	Document in Chinese, translated document entitled "Regarding the summary comments from a review by Zhi-Hua Company and Xilian Company of Pangang's BI material on 100,000 ton titanium white by chlorination, and the Project Department's analytical assessment of those two companies' comments"	Rodeway Inn - Room 117	C2-000026	SVE034405		
240 240T	Document in Chinese, translated document entitled "Pangang's 100,000-Ton Titanium White Powder by Chlorination Technology Evaluation 10.23 (Westunion)"	Rodeway Inn - Room 117	C2-000026	SVE034263		
241 241T	Document in Chinese, translated document entitled "TZ Pigments International PTY Ltd Confidential"	Rodeway Inn - Room 117	C2-000026	SVE034543		
242	Document entitled "Chloride technology review - Pangang"	- Rodeway Inn - Room 117	C2-000026	SVE034543		
243 243T	Document in Chinese and English including handwritten notes and translated document entitled "Chengde Xingda Titanium Industry Co Ltd Titanium White Powder by Chlorination Project"	Liew Residence	C2-000003	H23		
244 244T	Correspondence in envelope in Chinese and English including a letter from Walter Liew to Zhou Yong Gui (03/21/2006), and notes in English and Chinese	Liew Residence	C2-000003	Н30		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page28 of 244

245 245T	Document in English and Chinese, document electronically entitled "Price of Know-How"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
246 246T	Handwritten document in English and Chinese, including notes in English listing "Know-How Licensing Fee, "Export Licensing Fee," and other notes	Liew Residence	C2-000003	H16		
247 247T	Handwritten notes in Chinese and English, including "Know-How," "Technical Services," and other notes	Liew Residence	C2-000003	H16		
248 248T	Handwritten notes in Chinese and English, including "We only use American Engineering Personnel," "In which the Chemical Third Institute helped to complete 2/3," "DuPont to build the same plant," and other notes	Liew Residence	C2-000003	H16		
249 249T	Handwritten notes in Chinese and English, including "Don't research every item," "Environmental Protection Management," and other notes	Liew Residence	C2-000003	H16		
250	Collection of materials including a document entitled "A Brief Intro of Zhi-Hua Technology Co., Ltd, and its Team of TiO2 Experts" and other materials	Chao Residence		1B226		
251	Document entitled "Brief Introduction of Cierra Technology, Inc. and its Team of TiO2 Experts"	Chao Residence		1B222		
252	Documents entitled "Cierra Technology, Inc - 2009 Consultant Expenses"	Chao Residence		1B222		
253	Handwritten note "US Recruit" list, includes Eastham, Reeves, Buller, Ries, Flores	Chao Residence		1B222		
254	State of California certificate for USAPTI	USAPTI Office	C2-000002	O13		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page29 of 244

255	Printout of LH Performance Website "A Full Technology and Design Company" with handwriting in English and Chinese	Chao Residence		1B223		
256 256T	Document in Chinese, translated document entitled "Performance Group (USA), Inc's Major Project Achievements in China"	Liew Residence	C2-00003	H4		
257	DuPont powerpoint entitled "USAPTI web site - May 9, 2009: Comparing web site content: 2009 vs 2011"	DuPont	C2-004798			
258	Letter from Walter Liew to Employment Development Department (11/10/2009)	USAPTI Office	C2-000002	O32		
259	Able-Baker Automation Statement to Performance Group (USA) (07/15/2009)	USAPTI Office	C2-000002	O33		
260	Printouts of USA Performance Technology Inc Website	Chevron	C1-007941 - C1-007945			
261 261T	Document in Chinese, translated document electronically entitled "Reply to TiO2 Questions for Zhang Qing"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
262 262T	Document in Chinese, translated document electronically entitled "Letter to Meizubao on TiO2"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
263 263T	Document in Chinese, translated document electronically entitled "On the TiO2 projects we have participated August 3 2001"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
264 264T	Email and attachment from yfdd12345 to Hong Liew, subject in Chinese translated as "Company Profile" (02/09/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
265 265T	Email and attachments from Hong Liew to Yang Fudong, subject in Chinese translated as "Company Profile" (10/14/2009)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page30 of 244

266 266T	Email and attachment from Allen Chiang to hzg0225@sohu.com, carbon copy to hong888usa@yahoo.com, subject in Chinese translated as "I am HUANG Zuguo, the personin-charge for the Titanium Dioxide by Chloride Route Project of Jianghan Oilfield Company of the China Petrochemical Corporation" (03/07/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com			
267 267T	Document in Chinese, translated document entitled "Summary of the exchange with Performance"	Rodeway Inn - Room 117	C2-000026	SVE034405			
268 268T	Document in Chinese, translated document entitled "Jinzhou Titanium Industry Co., Ltd. and U.S. PTI Company Carried Out Cooperation"	Liew Residence	C2-000024	SVE034367			
269 269T	Document in Chinese and English, entitled "Titanium Dioxide (TiO2)"	USAPTI Office	C2-000023	SVE034330			
270 270T	Document in Chinese, translated document entitled "The final version of the [information] exchange with DuPont in Chinese"	Rodeway Inn - Room 208	C2-000026	SVE034163			
271	Pictures and Presentation for Zhenjiang (10/2005)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332			
272	"DuPont Slurry Systems" powerpoint (11/1998, copyright 2002)	USAPTI Office	C2-000023	SVE034319			
273	"USA Performance Technology - A Full Technology and Design Company" powerpoint in Chinese and English	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332			
274	"Presentation for Our Partner" powerpoint	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332			
275	"Titanium Dioxide (TiO2) by Chloride Process" powerpoint	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332			
						I.	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page31 of 244

276	Letter from Walter Liew to Dan McIntosh, carbon copy to Robert Maegerle and Mike Marinak, listing TiO2 Meeting Agenda in SF (10/03/1997)	Liew Residence	C2-000024	SVE034340		
277 277T	Document in Chinese, translated document entitled "Minutes of Meeting"	Liew Residence	C2-000003	H18		
278 278T	Document in Chinese, translated document entitled "Journal of the Second Round Meeting with Cierra"	Rodeway Inn - Room 117	C2-000026	SVE034405		
279 279T	Document in Chinese, translated document entitled "Summary of Communication with DuPont and the Performance Corporation" (7/15/2008)	Rodeway Inn - Room 117	C2-000026	SVE034405		
280 280T	Document in Chinese, translated document entitled "Kickoff Meeting for the Construction of the Pangang 100kt/a Titanium White by Chlorination Project" (06/08/2008 - 06/10/2009)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
281 281T	Document in Chinese, translated document entitled "Meeting Memorandum for the Titanium Industry Company's Newly Built 30,000-Ton Project"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
282 282T	Document in Chinese, translated document electronically entitled "7.26 Meeting"	Rodeway Inn - Room 117	C2-000026	SVE034543		
283	Document entitled "Name List of Guests" (07/14/2010)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
284	"SFOFD - Hilton San Francisco Financial District Group Member Status Report" (06/15/2011)	Nicholas Bowers	C2-004011 - C2-004015			
285	Handwritten notes including "chlorinator bricks" and other notes (09/30/2010)	USAPTI Office	C2-000002	O5		
286	"Meeting Notes on the DD Submittals and the Next Scope of Work" in Chinese and English (06/08/2011 - 06/10/2011)	USAPTI Office	C2-00002	O33		
287	"Design Consolidation Meeting Notes" in Chinese and English (06/09/2011)	USAPTI Office	C2-00002	O33		
288 288T	Notes in Chinese	Rodeway Inn - Room 117	C2-000026	SVE034543		

Case3:11-cr-00573-JSW D9GHTRHBI4661 Filed01/06/14 Page32 of 244

289 289T	Document in Chinese, translated document entitled "Departments and Attendees for Meeting with DuPont in Chengdu on May 6th"	Rodeway Inn - Room 117	C2-000026	SVE034405		
290 290T	Document in Chinese, translated document entitled "Suggestions Regarding the Integration of BD, Arrangements for Review Work and the Name List of Overseas Delegation"	Rodeway Inn - Room 117	C2-000026	SVE034405		
291 291T	Handwritten notes in Chinese including "We have got back to Beijing from Chengdu. Tomorrow we will return to the US I report to Minister Tan on our Chengdu negotiations results and scenarios of this trip"	Liew Residence	C2-000003	H28		
292	Document entitled "ACR4: Preparation for Kickoff Meeting"	Liew Residence	C2-000003	Н5		
293 293T	Document in Chinese, translated document electronically entitled "Comparison of Three companies' BI Review"	Rodeway Inn - Room 117	C2-000026	SVE034543		
294	Meeting photographs including Zhuang Kai, Yang Fudong, Walter Liew	Rodeway Inn - Room 216	C2-000026	SVE034251		
295	Meeting photographs including Zhuang Kai, Yang Fudong, Walter Liew	Rodeway Inn - Room 208	C2-000026	SVE034163		
296 296T	Document in Chinese, translated document entitled "Meeting Memorandum on the Review of Basic Design (BD) of 100kt/a TiO2 by Chloride Route Project of Pangang (Group) Company"	USAPTI Office	C2-000002	O13		
297 297T	Document in Chinese, translated document entitled "Contract Negotiation Meeting and Technical Consulting of Pangang's 100kt/a Chlorination Titanium White Project Memorandum"	Rodeway Inn - Room 117	C2-000026	SVE034543		
298 298T	Document in Chinese, translated document entitled "Minutes of a meeting regarding the integration of preliminary design work of Pangang's 100,000 ton titanium white by chlorination project"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page33 of 244

299 299T	Document in Chinese, translated document entitled "Minutes of the conference regarding the integration of the delivery of partial DD material and the ordering of imported equipment	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
300	Photographs including Walter Liew, Robert Maegerle, Dan McIntosh (03/1998)	Maegerle Residence	C2-000014	1B026		
301 301T	Document in Chinese, translated document entitled "Minutes of a meeting in Xichang on 3/19/2011"	Rodeway Inn - Room 117	C2-000026	SVE034264		
302 302T	Performance"	Rodeway Inn - Room 117	C2-000026	SVE034405		
303 303T	Document in Chinese, translated document entitled "Schedule for the Technical Exchanges and Negotiations Regarding the Titanium White by Chlorination Project"	Rodeway Inn - Room 117	C2-000026	SVE034405		
304 304T	Document in Chinese, translated document electronically entitled "Communication with the three Institutes (Minutes)"	Rodeway Inn - Room 117	C2-000026	SVE034263		
305 305T	Document in Chinese, translated document entitled "Meeting Minutes for Reviewing of Initial Design"	Rodeway Inn - Room 117	C2-000026	SVE034405		
306 306T	Document in Chinese, translated document entitled "Performance Company Technical Negotiation Memorandum" (08/2008)	USAPTI Office	C2-000024	SVE034330		
307	Document entitled "Technology Package Consultation and Review (For TiO2 Facilities to be built in China)" (08/25/1997)	Maegerle Residence	C2-000014	1B026		
308	Document entitled "Know How Contract for Manufacturing TiO2 Pigment by Chloride Process Using Titanium Slag, Contract No. 98US11AMDG053J" (11/21/1998)	Liew Residence	C2-000003	H16		
309	Document entitled "Engineering Design Contract for Manufacturing TiO2 Pigment by Chloride Process Using Titanium Slag, Contract No. 98US11AMDG053J" (11/21/1998)	Liew Residence	C2-000003	H15		
310 310T	Document in Chinese, translated document entitled "30,000-Ton/Year Titanium Dioxide Technology Import Project" (12/30/2007)	Bank of East Asia Safe Deposit Box	C2-000001	ВІ		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page34 of 244

311	Receipts for 30,000 MTPY Titanium Dioxide Technology Import Project	Liew Residence, USAPTI Office	C2-000003 C2-000002	H12 H29 O14		
312	UPSKY Commercial Invoice for \$900,000	Bank of East Asia Safe Deposit Box	C2-000001	Ві		
313	Contract for "Fluid-Bed Chlorination and Purification of a 30,000 MTPY TiO2 by Chloride Route Project" (11/25/2005)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
314	Amendment to Contract Number 05USSCY32PGJZ185 (12/16/2009)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
315	Amendment to Contract Number 05USSCY32PGJZ185 (12/21/2009)	USAPTI Office	C2-000002	O34		
316	Contract for "Project of 100,000 MTPY TiO2 by Chloride Process," contract number 09USSCY32PGTY24 (05/16/2009) (from USAPTI office)	USAPTI Office	C2-000002	O37		
317	Contract for "Project of 100,000 MTPY TiO2 by Chloride Process," contract number 09USSCY32PGTY24 (05/16/2009) (from safe deposit box)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
318	"Clarification of Engineering Design Fee" contract number 09USSCT32PGTY24	Liew Residence	C2-000003	H12		
319	Contract on "Consultation of Procurement of the Equipment and Materials for Pangang 100K t/a TiO2," contract number 10USSCY32PGTY24 (08/08/2010)	Liew Residence	C2-000003	H28		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page35 of 244

320	Letters of Credit for Performance Group (USA) Inc via Mega International Commercial Bank for \$300,000 and \$400,000 (12/02/2010)	Bank of East Asia Safe Deposit Box	C2-000001	Ві		
321	Detailed Design (Part 1) Review Certificate, Contract Number 09USSCY32PGTY24 (12/30/2010) and Associated Letter of Credit Number LC571917/2009D (09/10/2009)	Bank of East Asia Safe Deposit Box	C2-000001	Ві		
322 322T	Document in Chinese, translated document entitled "Secrecy Agreement" (03/09/1998)	Liew Residence	C2-000003	H23		
323	Commercial Proposal to Pangang 100K (05/2009)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
324	USA Performance LC Amendment No.3 (01/05/2011)	Liew Residence	C2-000024	SVE034409		
325 325T	Fax in English and Chinese from Walter Liew to Pangang (01/10/2008)	USAPTI Office	C2-000002	O14		
326 326T	Email and attachments from Hong Liew to xuxingrong@chinacec.com, carbon copy to Walter Liew (02/10/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
327	Exported electronic folder list from the USAPTI office	USAPTI Office	C2-000023	SVE034297		
328 328T	Correspondence from PIETC to Walter Liew (12/05/2008)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
329	Commercial Invoices from USA Performance Technology, Inc and Performance Group (USA), Inc	Liew Residence	C2-000003 C2-000024	H29 SVE034409 SVE034366		
330	Commercial Invoice for BI 09USSCY32PGTY24 (12/01/2009) and Commercial Invoice for DD Part 1 09USSCY32PGTY24 (01/05/2011)	Liew Residence	C2-000024	SVE034366		
331	Commercial Invoice for downpayment 20110623[2312].doc	Liew Residence	C2-00003	H28		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page36 of 244

332	Commercial Invoice for downpayment 20110623	Liew Residence	C2-000024	SVE034366		
333	Pinewater Designs expenses and invoices	Maegerle Residence	C2-000014	1B026		
334	Invoice from Pinewater Designs, Inc to USAPTI for \$50,000 (10/20/2009)	Maegerle Residence	C2-000014	1B026		
335	Invoice and expenses from Pinewater Design to USA Performance Technology Inc (12/07/2009)	USAPTI Office	C2-000002	O35		
336	Invoice from Pinewater Designs, Inc to USAPTI for \$25,000 (11/15/2010)	Maegerle Residence	C2-000014	1B026		
337	Invitation Letter from USAPTI to Panzhihua Iron & Steel Group Co Delegation (09/15/2009)	Liew Residence	C2-000003	H12		
338	Invitation Letter from USA Performance Technology Inc to Pangang Group Company, Ltd (05/26/2010)	Liew Residence	C2-000003	H28		
339	Invitation Letter from USA Performance Technology Inc to Panzhihua Iron and Steel Group Company (03/01/2011)	USAPTI Office	C2-000002	O13		
340	Invitation from USA Performance Technology Inc to Pangang Group Company Ltd (06/20/2011)	USAPTI Office	C2-000002	O13		
341 341T	Notes in Chinese, including a list of Chinese names	Liew Residence	C2-000003	H19		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page37 of 244

342 342T	Letter from Walter Liew to Fan Zhengwei (10/12/2008)	Liew Residence	C2-000003	H19		
343 3431	Pangang Group Co Ltd Administrative Organization Chart	Qizhi Wang	C2-004798			
344	Pangang Titanium brochures in Chinese and English with pictures	Chao Residence		1B218		
345 345T	Document in Chinese, translated document entitled "Report on the Strategic Development of the Titanium Industry Pangang Titanium Industry Company"	Rodeway Inn - Room 208	C2-000026	SVE034163		
346 346T	Document in Chinese, translated document entitled "Imported Equipment Investigation Report"	Rodeway Inn - Room 117	C2-000026	SVE034405		
34 / 34 / 1	List of leaders from the Pangang (Group) Company and photos	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
349 349T	Document in Chinese including "Pangang staff names, position, phone number and appointments list"	Rodeway Inn - Room 208	C2-000026	SVE034163		
350 350T	Correspondence from Performance Company, USA to Pangang Group Head Office (10/11/04)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
	Letters from Liu Yuanxuan, Performance Company, USA to Jinzhou Steel Alloy (Group) Company Limited and Pangang Jinzhou Titanium Industry Company (12/07/2004) and attachments	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
352 352T	Document in Chinese, translated document entitled "Job Achievements and Incorruptibility Report"	Rodeway Inn - Room 117	C2-000026	SVE034405		
353 353T	Email from Hong Liew to 958335244@qq.com Re: Waiting for you (10/19/2009)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
354	Email from Zhou Yonggui to Allen Chiang, carbon copy to Walter Liew Re: LC Part C (07/13/2010)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
355	Letter from Hou Shengdong to Pensiero (6/23/2008)	Rodeway Inn - Room 117	C2-000026	SVE034405		
	Grey Cambridge notebook with notes in Chinese and English	USAPTI Office	C2-000002	O32		
357 357T	Letter in Chinese from Yang Fudong to Liu Yuanxuan	Liew Residence	C2-000003	H30		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page38 of 244

	2010 SASAC Website, translation entitled					
358 358T	"Foundation Laying for Pangang's Titanium White by Chlorination Project at the Chongqing Changshou Chemical Industrial Park"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
359 359T	Document in Chinese, translation entitled "Regarding the 100,000 tons of Titanium Dioxide by Chlorination Technology Risk Analysis and Remedies"	Rodeway Inn - Room 117	C2-000026	SVE034405		
360 360T	Handwritten letter to Walter Liew on Beijing Pangang Hotel Letterhead	Liew Residence	C2-000003	H19		
361 361T	Document in Chinese, translated document entitled "Pertaining to Risk Analysis and Solutions for 100kt Chloride-Process TiO2 Technology"	Rodeway Inn - Room 117	C2-000026	SVE034405		
362 362T	Document in Chinese, translated document electronically entitled "Disparity between Pangang Jinzhou Titanium and DuPont"	Rodeway Inn - Room 117	C2-000026	SVE034263		
363 363T	Document in Chinese, translated document entitled "Unwavering Belief and Relentless Pursuit in Pushing Forward of the Titanium White by Chlorination Project"	Rodeway Inn - Room 117	C2-000026	SVE034405		
364 364T	Document in Chinese, translated document entitled "Work Correspondence"	Rodeway Inn - Room 117	C2-000026	SVE034405		
365 365T	Document in Chinese, translated document entitled "Current Situation of the Titanium Industry Inside and Outside China, and Ideas about Expanding Pangang Titanium Industry"	Rodeway Inn - Room 117	C2-000026	SVE034405		
366 366T	Letter from Walter Liew to Jinzhou Titanium Industry Co., Ltd. (12/12/2009)	Liew Residence	C2-000003	H12		
367	Email from Walter Liew to Robert Maegerle Re: Info on China Project (02/05/2004)	Maegerle Residence	C2-000025	SVE035866		
368 368T	Document in Chinese, translated document entitled "Risk Analysis for the Pangang 100,000- tons Titanium White by Ebullient Chlorination Project"	Rodeway Inn - Room 117	C2-000026	SVE034262		
369 369T	Document in Chinese, translated document entitled "Risks and Their Control as Regards Intellectual Property Rights in Pangang's 100,000-ton Titanium White by Ebullient Chlorination Project"	Rodeway Inn - Room 117	C2-000026	SVE034262		
370 370T	Document in Chinese, translated document entitled "Intellectual Property Rights Risks and Control of Pangang's 100,000-Ton Titanium White by Ebullient Chlorination Project"	USAPTI Office	C2-000002	O38		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page39 of 244

371 371T	List of Chinese delegation names and room assignments	Rodeway Inn - Room 216	C2-000084	M4		
372 372T	Handwritten notes in Chinese including "Minister Tan" and other notes	Liew Residence	C2-000003	H4		
373 373T	Handwritten notes in English and Chinese including "Organize material for Tan Zhuzhou" and other notes	Liew Residence	C2-000003	Н7		
374	Email and attachments from Walter Liew to Nora@nswlam.po.my, carbon copy to Walter Liew and tajipong@gmail.com Re: Some info on fine chemicals project (6/17/2005)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
375 375T	Letter from Walter Liew to Tan Zhuhou with handwritten notes in Chinese	Liew Residence	C2-000003	Н6		
376	Letter from Walter Liew to Greg Taylor (06/10/1995)	Liew Residence	C2-000003	H24		
377 377T	Handwritten notes in Chinese including "How to adjustlowering of the temperature?" and other notes	Liew Residence	C2-000003	Н30		
378 378T	Document in Chinese, translated document entitled "Chapter One General Introduction"	Rodeway Inn - Room 208	C2-000026	SVE034163		
379 379T	Document in Chinese, translated document entitled "Conference for the Reorganization of Angang and Pangang Solemnly held in Beijing (07/29/2010)"	Liew Residence	C2-000024	SVE034491		
380	Email from Walter Liew to Gerald Choi, carbon copy to Robert Chu Re: Business Card for you (10/22/2004)	USAPTI Office	C2-000024	SVE034330		
381 381T	Document in Chinese, translated document entitled "Technical Secrets Application Report"	Rodeway Inn - Room 117	C2-000026	SVE034405		
382	Email from Walter Liew to mjmconsulting@hotmail.com Re: Chlorpyrifos for China 2nd attempt (10/18/2004)	USAPTI Office	C2-000024	SVE034330		
383 383T	Letter from Walter Liew to Jinchuan Group Company Ltd (08/30/2007)	Liew Residence	C2-000003	H29		
384	Document entitled "Meeting with Zhou @ Pangang Group"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page40 of 244

385	Address labels to China	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
386	Address labels to China	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
387	List of "Major Technology Projects Scheduled for 1993-2000" and notes in Chinese and English	Liew Residence	C2-000003	H11		
388 388T	Notes in Chinese including "China's TiO2 pigment market" and "Sichuan Lomon Group Company Ltd" and other notes	Liew Residence	C2-000003	H16		
389 389T	Letter from Walter Liew to Li Gangren (03/10/2003)	Liew Residence	C2-000003	H7		
390 390T	Copy of media article in Chinese, translated document entitled "Dynamics in Pangang - Adjustment of the principal leader of Pangang (Group) Company Party Committee"	Liew Residence	C2-000003	H4		
391 391T	Notes in Chinese, including "Pangang," "Our company has conducted automatic control renovations," and other notes	Liew Residence	C2-000003	H4		
392 392T	Letter to from Liu Yuanxuan to Zhou Jiacong (12/22/2003)	Liew Residence	C2-000003	Н7		
393 393T	Notebook with notes in Chinese and English, including "DuPont's titanium white by chlorination [by the chloride process] has been protected for 40 years. Therefore [it] has monopolized the market place" and other notes	USAPTI Office	C2-000002	O32		
394 394T	Document in Chinese, translated document electronically entitled "201006 Safety Installation Design Section"	Rodeway Inn - Room 208	C2-000026	SVE034163		
395 395T	Document in Chinese, translated document electronically entitled "Party Committee Operation Department Operational Standard document"	USAPTI Office	C2-000024	SVE034330		
396 396T	Card from State Administration of Foreign Experts Affairs to Dr. Liu Yuanxuan and Qiao Hong	Liew Residence	C2-000003	H28		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page41 of 244

397 397T	Article in Chinese, translated document entitled "State-owned Assets Supervision and Administration Commission of the State Council Deputy Director HUANG Danhua Announces Leadership Change PANGANG FAN Zhengwei is in Charge"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
398 398T	Notes in Chinese listing "Beijing Landmark Towers, "State Administration of Foreign Experts Affairs" and other notes	Liew Residence	C2-000003	H30		
399 399T	Document in Chinese, including translated document entitled "Report to the State-Owned Assets Supervision and Administration Commission of the State Council on Titanium White by Chlorination"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
401	Copies of business cards and photographs provided by Daniel McIntosh	Daniel McIntosh	C2-004193 - C2-004266			
402	Burgundy portfolio containing business cards	Maegerle Residence	C2-000014	18001		
403	Business cards including "Hu Jun" and Mei Zu Bao"	Liew Residence	C2-000003	H30		
404	Business cards including "Liu Gang," "Fu Qiang," and "Chen Jinshan"	Liew Residence	C2-000003	H29		
405	Business cards including "Panzhihua Iron and Steel Group Vice General Manager" and "Zhuang Kai"	USAPTI Office	C2-000002	O13		
406	Business cards including "Zhuang Kai," "Chen Yong"	Chao Residence		1B224		
407	Portfolios containing business cards	Liew Residence	C2-000003	H29		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page42 of 244

408	Business cards	Maegerle Residence	C2-000004	1B007		
409	Business cards	USAPTI Office	C2-000002	013		
410	Business cards	Liew Residence	C2-000003	Н30		
411	Printout of electronic Air China ticket for Li Rue	Liew Residence	C2-000024	SVE034491		
412	Bank of America funds transfer authorization to Li Rue in PRC, \$20,000 (07/05/2007)	Liew Residence	C2-000003	H22		
413 413T	Notes in Chinese and English, including "Li Rue passport" number (05/01/2011)	USAPTI Office	C2-000002	O13		
414	Letter of Confirmation to US Consulate, Shenyang, PRC (12/16/2010)	USAPTI Office	C2-000002	013		
415	Consulate General document regarding Qiao Ning (11/23/2010)	Liew Residence	C2-000003	Н30		
416	Email from Walter Liew to Shirley Lan Re: Shirley Chin (02/15/2007)	USAPTI Office	C2-000024	SVE034330		
417	Email from Walter Liew to Shirley Lan Re: Shirley Chin (01/25/2007)	USAPTI Office	C2-000024	SVE034330		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page43 of 244

418 418T	Notes Chinese and English, including list of contacts and telephone numbers and other notes	Liew Residence	C2-000003	Н30		
419	Binder labeled "Performance Group (USA), Inc Bank Statements, Checks and Summary for 2006 Tax Returns," containing copies of checks, reconciliation summaries, and other materials	Liew Residence	C2-000003	H20		
420	Binder labeled "Performance Group (USA), Inc Bank Statements, Checks and Summary for 2006 Tax Returns," containing account summaries, reconciliation summaries, and other materials	Liew Residence	C2-000003	H20		
421	Binder labeled "Performance Group (USA), Inc Corporate Information Filing Records Cash and Receivables Summary," containing Articles of Incorporation for Performance Group (USA), Inc, lists of cash and receivables, and other materials	Liew Residence	C2-000003	H20		
422	Binder labeled "Performance Group (USA), Inc Bank Statements, Checks and Summary for 2006 Tax Returns," including reconciliation summaries and other materials	Liew Residence	C2-000003	H20		
423	Copy of check from Mu Qiao to Walter Liew for \$30,000 and deposit slip (03/04/2008)	USAPTI Office	C2-000002	O14		
424	Copies of checks from Qiao Mu to Walter Liew and deposit slips	USAPTI Office	C2-000002	O14		
425	Binder labeled "USA Performance Technology, Inc Jan 2009 - Jan 2010 Book-Keeping," including materials labeled Citibank and California Pacific Bank	USAPTI Office	C2-000002	O37		
426	US Bank statement addressed to Allen Chiang (11/22/2010) and California Pacific Bank statement addressed to Shu Hua Zuo (11/30/2010)	Liew Residence	C2-000003	Н30		
427	California State Bank statements addressed to Mu Qiao, Shu Hua Zuo, and USA Performance Technology Inc care of Christina Liew	Liew Residence	C2-000003	H29		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page44 of 244

428	Collection of materials including bank statements, documents entitled "Disclosure Regarding Real Estate Agency Relationship," General Power of Attorney for Qiao Ning, and other materials	Peterson Martin Reynolds LLP	C2-040138 - C2-040192			
429	Faxes from the Bank of China to USA Performance Technology Inc	Liew Residence	C2-000003	H28		
430	Bank of China Letter of Credit for \$3,801,000 (06/30/2011)	USAPTI Office	C2-000002	013		
431	Copy of \$60,000 check to Walter Liew signed by Christina Liew (06/24/2011)	USAPTI Office	C2-000002	O32		
432	Document including information on Oversea- Chinese Banking Corporation Limited and handwritten notes	USAPTI Office	C2-000002	O32		
433	Collection of materials from Lee & Lee listing purchase of 18 Shelford Road #04-02, Singapore	Liew Residence	C2-000003	H28		
434 434T	Notes in Chinese and English, including "Remit to China," "(still owed) borrow" and other notes	Liew Residence	C2-000003	H20		
435	Collection of materials including HSBC records addressed to Qiao Hua	Liew Residence	C2-000003	ні		
436	Collection of materials including HSBC records addressed to Qiao Hua	Liew Residence	C2-000003	ні		
437	Bill of Exchange for Performance Group (USA) Inc (06/20/2006)	USAPTI Office	C2-000024	SVE034330		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page45 of 244

438 438T	Contract with red-ink fingerprints between Christina Liew, Qiao Mu	Liew Residence	C2-000003	H16		
439 439T	Letter from HSBC to Qiao Hua (03/24/2009)	Liew Residence	C2-000024	SVE034409		
440	Bill of Exchange for USA Performance Technology, Inc (12/01/2009)	Liew Residence	C2-000024	SVE034366		
441	Documentation of wire transfer from Christina Liew to BSP Management PTE Ltd (01/12/2010)	USAPTI Office	C2-000024	SVE034330		
442	Letter from Walter Liew to Allen Chiang (07/06/2009)	USAPTI Office	C2-000024	SVE034330		
443	California Pacific Bank Funds Transfer Request from USA Performance Technology Inc to Huan Qu Process Equipment PTE Ltd for \$860,000 (09/14/2009)	USAPTI Office	C2-000024	SVE034330		
444	California Pacific Bank Funds Transfer Request from USA Performance Technology Inc to ESI Equipment and Engineering PTE Ltd for \$790,000 (09/14/2009)	USAPTI Office	C2-000024	SVE034330		
445	California Pacific Bank Funds Transfer Request from Qiao Mu to BSP Management Pte Ltd for "Service Fees for ESI Equipment and Engineering PTE Ltd" (09/14/2009)	USAPTI Office	C2-000024	SVE034330		
446	Letter from Walter Liew to DBS Bank (11/21/2008)	USAPTI Office	C2-000024	SVE034330		
447	Letter from Walter Liew to Joseph Chan, Mega International Commercial Bank (08/28/2008)	USAPTI Office	C2-000024	SVE034330		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page46 of 244

448	Letter from Walter Liew to Joseph Chan, Mega International Commercial Bank (12/19/2007)	USAPTI Office	C2-000024	SVE034330		
449	Letter from Qiao Hong to DBS Bank Ltd (09/20/2001)	USAPTI Office	C2-000024	SVE034330		
450	Letter from Walter Lian-Heen Liew to DBS Bank Ltd, Singapore Re: Instruction for Telegraphic Transfer (11/03/2008)	USAPTI Office	C2-000024	SVE034330		
451	Letter from Walter Lian-Heen Liew to United Overseas Bank Ltd (06/24/1999)	USAPTI Office	C2-000024	SVE034330		
452	Letter from Walter Liew to Allen Chiang (09/14/2009)	USAPTI Office	C2-000024	SVE034330		
453	Information regarding Oversea-Chinese Banking Corporation Ltd	Liew Residence	C2-000024	SVE034329		
454	Email and attachment from Walter Liew to bc8166@singnet.com.sg, carbon copy to Christina Liew Re: Change of Address (12/02/2008)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
455	Email from Walter Liew to Shirley Lan Re: AGM-Huadong (10/23/2007)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
456	Email from Walter Liew to Shirley Lan Re: HuaDong Equipment (01/17/2008)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page47 of 244

457	Email from Walter Liew to Shirley Lan Re: Huadong Equipment Solutions Pte Ltd - Filing of Accounts and AGM deadline (12/26/2007)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
458	Email from Walter Liew to "Kim" Re: Huadong Equipment Solutions Pte Ltd (09/20/2006)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
459	Email from Walter Liew to Lydia Looi Re: Huadong Equipment Solutions Pte Ltd (11/14/2006)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
460	List of names and contact numbers including Shirley Chin, Joan Chin, Jasmine Chin, Elaine Chin	USAPTI Office	C2-000024	SVE034330		
465	Letter from Walter Liew to Joseph Chan, Mega International Commercial Bank (12/21/2009)	USAPTI Office	C2-000024	SVE034330		
466	Bill of Exchange for USA Performance Technology Inc (12/01/2009)	USAPTI Office	C2-000024	SVE034330		
467	Bill of Exchange for USA Performance Technology Inc (08/03/2010)	Liew Residence	C2-000024	SVE034366		
468	Bill of Exchange for USA Performance Technology Inc (01/06/2011)	Liew Residence	C2-000024	SVE034366		
469	Email from BSP Management to hong888usa@yahoo.com RE: Fw: Annual Return Reminder: ESI Equipment and Engineering PTE Ltd (11/16/2009)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
470 470T	Note from Christina Liew to the Bank of China in Hong Kong (3/28/2011)	Liew Residence	C2-000024	SVE034491		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page48 of 244

471 471T	Email and attachments from esi.china to hong888usa@yahoo.com, Re: Company Profile and Required Information (12/13/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
472 472T	Letter from Walter Liew Jinzhou Titanium Industry Assistant Managing Director Wang Yanfu (07/7/2011)	Liew Residence	C2-000024	SVE034491		
473 473T	Email from zhenyong to Hong Liew, Re: Information (06/30/2011)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
475	East West Bank Funds Transfer Request Credit from Christina Liew to Zhang Dong Feng (01/31/2011)	Bank of East Asia Safe Deposit Box	C2-000001	B1		
476	Email and attachment from Hong Liew to bspmgt@sgplink.com Re: Payment for ESI (01/13/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
477	Email from Hong Liew to Agnes, no subject (05/31/2009)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
478	Email from Hong Liew to Agnes, no subject (11/19/2008)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
479	Letter from Walter Liew to DBS Bank (11/21/2008)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
480	Document listing Mao-Long Zhang and Bank of China contact information	Liew Residence	C2-000003	H10		
485	Document listing real estate agents: Singapore	USAPTI Office	C2-000002	014		
486 486T	Grey Mead Five Star notebook containing handwritten notes in English and Chinese	Liew Residence	C2-000003	H30		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page49 of 244

487 487T	Document in Chinese, translated document entitled "Key issues that need to be communicated with Performance Technology Incorporated (PTI)" (10/20/2010)	Rodeway Inn - Room 117	C2-000026	SVE034543		
488	Bill of Exchange for Performance Group USA number 01011260 (02/22/2010)	Liew Residence	C2-000024	SVE034366		
489	Bill of Exchange for Performance Group USA number 01012306 (06/11/2010)	Liew Residence	C2-000024	SVE034366		
490	Bill of Exchange for Performance Group USA number 010102317 (06/11/2010)	Liew Residence	C2-000024	SVE034366		
491	Correspondence Between Mega International Commercial Bank and Walter Liew (01/05/2009)	Liew Residence	C2-000003	H14		
492	Collection of materials including Bill of Exchange for USA Performance Technology, Inc (06/16/2011), document entitled "Detail Design (Part 2) Review Certificate (06/11/2011), Commercial Invoice for Details Design (Part 2) (06/16/2011), and other	Liew Residence	C2-000003	H28		
493	Correspondence between Mega International Commercial Bank and Walter Liew (01/20/2009)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
494	Collection of materials including a Telegraphic Transfer Application (05/29/2008), HSBC statements addressed to Walter Liew, HSBC statements addressed to Qiao Hua, and other materials	Liew Residence	C2-000003	H14		
495	DBS Statement to 09/2006 Huadong Equipment Solutions Pte Ltd (09/01/2006 - 09/30/2006)	Liew Residence	C2-000003	H14		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page50 of 244

496	Collection of materials including copy of Walter Liew US passport pages (valid 10/25/2007 - 10/24/2017), correspondence to Huadong Equipment Solutions Pte Ltd, DBS bank statements to Huadong Equipment Solutions Pte Ltd. and other materials	Liew Residence	C2-000003	H14		
497	Email from Walter Liew to Shirley Lan RE: Huadong Equipment Solutions Pte Ltd - Filing of Accounts and AGM deadline (12/26/2007)	USAPTI Office	C2-000024	SVE034330		
498	Email from Walter Liew to Lydia Looi Re: Huadong Equipment Solutions Pte Ltd-Filing of Accounts and AGM (12/20/2007)	USAPTI Office	C2-000024	SVE034330		
499	Telegraphic Transfer application to Bank of China for \$105,000 benefitting Qiao Ning (06/13/2011)	Liew Residence	C2-000003	Н30		
500	Fax from Walter Liew to Mega International Commercial Bank (10/23/2008)	Liew Residence	C2-000003	H18		
501	Copy of letter from East West Bank to Christina Liew (09/29/2010)	Liew Residence	C2-000003	H29		
502	Copy of letter from East West Bank to Christina Liew (02/22/2010)	Liew Residence	C2-000003	H29		
503	Outgoing Wire Transfer Request from Qiao Hong to Qiao Ning for \$61,762.00 (02/02/2007)	Liew Residence	C2-000003	H12		
504	Collection of materials including a transfer of SGD\$3,956,036.26 from Qiao Ning to Christina Liew (11/29/1010)	Bank of East Asia Safe Deposit Box	C2-000001	В1		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page51 of 244

505	Letter from Walter Liew to DBS Bank Singapore (11/04/2008)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
506	Docket #09-40243 for Northern District of California Bankruptcy Court Petition	Bankruptcy Court	C2-004470 - C2-004499			
507	Voluntary Petition for docket number 09-40243 (01/14/2009)	Bankruptcy Court	C2-004470 - C2-004499			
508	Trustee section 341 meeting calendar (02/04/2009)	Bankruptcy Court	PTI-000586 - PTI-000607			
509	Final decree regarding Bankruptcy Petition for docket number 09-40243	Bankruptcy Court				
510	Performance Group (USA), Inc. Chapter 7 Bankruptcy Petition Court Audio CD (2/4/2009) and Declaration by Custodian of Records regarding recording of testimony (10/28/2013)	Bankruptcy Court	PTI-000585			
511	US Bankruptcy Court Audio Transcript of Proceedings (02/04/2009)	Bankruptcy Court	PTI-000585			
512	Letter to State of California Deputy Labor Commissioner (10/26/2009)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
513	Copy of PGI Bankruptcy Documents (01/13/2009)	Liew Residence	C2-000003	H14		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page52 of 244

514	Letter and copy of litigation file from Stantec regarding Performance Group	Stantec	GJSUB-078-0002 - GJSUB- 078-0087			
515	Collection of materials including Declaration Concerning Debtor's Schedules, copy of Professional Services Agreement between Performance Group USA and Stantec, copies of documents labeled US Bankruptcy Court, Northern District of California. and other	Paul Bolao Liu	GJSUB-0154-0002 - GJSUB- 0154-0066			
516	Document entitled Creditors of Performance Group (USA), Inc	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
517	Correspondence Re: Letter of Credit from Pangang Group International to Performance Group USA for \$1,236,000.00 (01/06/2006)	Cathay Bank	GJSUB-047-0237 - GJSUB- 047-0241			
518	Correspondence Re: Letter of Credit for \$1,236,000.00 (01/06/2006)	Cathay Bank	GJSUB-047-0227			
519	Confirmation of time deposit to Performance Group for \$1,236,000.00 (01/12/2006)	Cathay Bank	GJSUB-047-0201			
520	Advice of Payment to Performance Group for \$901,699.20 (07/11/2006)	Mega International Bank	GJSUB-026-0008			
521	Transfer from China Everbright Bank to Megabank for \$902,757.00 (07/11/2006)	Mega International Bank	GJSUB-026-0007			
522	Letter of Credit LC3981060032A between PIETC and Performance Group	Mega International Bank	GJSUB-026-0003 - GJSUB- 026-0006			

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page53 of 244

523	Correspondence Re: Transfer to Lawrence Process from Performance Group for \$902,800 (07/28/2006)	Mega International Bank	GJSUB-026-0009 - GJSUB- 026-0010		
524	Transfer to Lawrence Process from Performance Group for \$901,699.20 (07/31/2006)	Mega International Bank	GJSUB-026-0011		
525	Advice of Payment to Performance Group for \$1,310,131.18 (08/08/2006)	Mega International Bank	GJSUB-026-0021		
526	Transfer from China Everbright Bank to Megabank for \$1,394,773.00 (08/01/2006)	Mega International Bank	GJSUB-026-0020		
527	Letter of Credit LC3981050197A between PIETC and Performance Group	Mega International Bank	GJSUB-026-0016 - GJSUB- 026-0018		
528	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$1,272,100.18 (08/07/2006)	Mega International Bank	GJSUB-026-0022		
529	Transfer to Huadong Equipment Solutions from Performance Group for \$1,272,100.18 (08/08/2006)	Mega International Bank	GJSUB-026-0024		
530	Transfer to Qiao Hong from Performance Group for \$38,031.00 (08/08/2006)	Mega International Bank	GJSUB-026-0023		
531	Advice of Payment to Performance Group for \$306,682.88 (11/07/2006)	Mega International Bank	GJSUB-026-0013		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page54 of 244

532	Transfer from China Everbright Bank to Megabank for \$307,080 (11/07/2006)	Mega International Bank	GJSUB-026-0012		
533	Correspondence Re: Transfer to Performance Group from Performance Group for \$306,682.88 (11/13/2006)	Mega International Bank	GJSUB-026-0014		
534	Transfer from Megabank to Performance Group for \$306,682.88 (11/13/2006)	Mega International Bank	GJSUB-026-0015		
535	Advice of Payment to Performance Group for \$707,188.83 (11/10/2006)	Mega International Bank	GJSUB-026-0026		
536	Transfer from China Everbright Bank to Megabank for \$819,128.00 (11/10/2006)	Mega International Bank	GJSUB-026-0025		
537	Correspondence Re: Transfer to Lawrence Process from Performance Group for \$707,188.83 (11/15/2006)	Mega International Bank	GJSUB-026-0027		
538	Transfer from Performance Group to Lawrence Process Engineers for \$707,188.83 (11/15/2006)	Mega International Bank	GJSUB-026-0028		
539	Advice of Payment to Performance Group for \$272,592.94 (03/05/2007)	Mega International Bank	GJSUB-026-0030		
540	Transfer from China Everbright Bank to Megabank for \$272,966.00 (03/05/2007)	Mega International Bank	GJSUB-026-0029		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page55 of 244

541	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$272,592.94 (03/06/2007)	Mega International Bank	GJSUB-026-0031		
542	Transfer to Huadong Equipment Solutions from Performance Group for \$272,592.94 (03/06/2007)	Mega International Bank	GJSUB-026-0032		
543	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$99,978.00 (05/14/2007)	Cathay Bank	GJSUB-047-0068 - GJSUB- 047-0069		
544	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$249,985.00 on 07/23/07	Cathay Bank	GJSUB-047-0072 - GJSUB- 047-0073		
545	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$149,985.00 (12/19/2007)	Mega International Bank	GJSUB-026-0037		
546	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$149,985 (12/19/2007)	Mega International Bank	GJSUB-026-0038		
547	Transfer to Huadong Equipment Solutions from Performance Group for \$149,955.00 (12/19/2007)	Mega International Bank	GJSUB-026-0039		
548	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$1,749,982.00 (01/23/2008)	Mega International Bank	GJSUB-026-0250		
549	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$1,749,982.00 (01/24/2008)	Mega International Bank	GJSUB-026-0251		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page56 of 244

550	Transfer to Huadong Equipment Solutions from Performance Group for \$1,749,952.00 (01/23/2008)	Mega International Bank	GJSUB-026-0252		
551	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$759,982.00 (04/15/2008)	Mega International Bank	GJSUB-026-0253		
552	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$759,982.00 (04/17/2008)	Mega International Bank	GJSUB-026-0254		
553	Transfer to Huadong Equipment Solutions from Performance Group for \$759,952.00 (04/17/2008)	Mega International Bank	GJSUB-026-0255		
554	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$349,982.00 (06/12/2008)	Mega International Bank	GJSUB-026-0256		
555	Letter of Credit JZCB08LG00001 between Pangang Group Jinzhou Titanium and Performance Group	Mega International Bank	GJSUB-026-0286 - GJSUB- 026-0287		
556	Message confirming withdrawals on Letter of Credit JZCB08LG0001	Mega International Bank	GJSUB-026-0285		
557	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$349,982.00 (06/13/2008)	Mega International Bank	GJSUB-026-0113		
558	Transfer to Huadong Equipment Solutions from Performance Group for \$349,952.00 (06/13/2008)	Mega International Bank	GJSUB-026-0114		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page57 of 244

559	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$399,980.00 (08/21/2008)	Mega International Bank	GJSUB-026-0115		
560	Correspondence Re: Transfer to USA Performance Technology from Performance Group for \$250,000.00 (08/28/2008)	Mega International Bank	GJSUB-026-0260		
561	Transfer to USA Performance Technology from Performance Group for \$250,000.00 (08/29/2008)	Mega International Bank	GJSUB-026-0262		
562	Transfer to Huadong Equipment Solutions from Performance Group for \$149,935.00 (08/29/2008)	Mega International Bank	GJSUB-026-0261		
563	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$1,359,980.00 (10/22/2008)	Mega International Bank	GJSUB-026-0263		
564	Letter of Credit JZCB08LG00002 between Pangang Group Jinzhou Titanium and Performance Group	Mega International Bank	GJSUB-026-0133 - GJSUB- 026-0135		
565	Message confirming balance on Letter of Credit JZCB08LG00002	Mega International Bank	GJSUB-026-0130		
566	Correspondence Re: Transfer to Huadong Equipment Solutions from Performance Group for \$1,109,980 (10/23/2008)	Mega International Bank	GJSUB-026-0264		
567	Transfer to Huadong Equipment Solutions from Performance Group for \$1,109,935.00 (10/23/2008)	Mega International Bank	GJSUB-026-0266		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page58 of 244

568	Transfer to USA Performance Technology from Performance Group for \$250,000.00 (10/23/2008)	Mega International Bank	GJSUB-026-0265		
569	Transfer from Pangang Group Jinzhou Titanium to Performance Group for \$499,975.00 (02/26/2009)	Mega International Bank	GJSUB-026-0136		
570	Letter of Credit JZCB09LG00001 between Pangang Group Jinzhou Titanium and Performance Group	Mega International Bank	GJSUB-026-0140 - GJSUB- 026-0141		
571	Correspondence Re: Transfer to USA Performance Technology from Performance Group for \$100,000 (02/27/2009)	Mega International Bank	GJSUB-026-0137		
572	Transfer to USA Performance Technology from Performance Group for \$100,000.00 (02/27/2009)	Mega International Bank	GJSUB-026-0138		
573	Transfer to ESI Equipment and Engineering to Performance Group for \$399,930.00 (02/27/2009)	Mega International Bank	GJSUB-026-0139		
574	Transfer from PIETC to USA Performance Technology for \$2,669,985.00 (07/03/2009)	California Pacific Bank	GJSUB-033-0078		
575	Letter of Credit LC571917/2009D between PIETC and USA Performance Technology	Mega International Bank	GJSUB-026-0150 - GJSUB- 026-0152		
576	Correspondence Re: Transfer to ESI Equipment and Engineering from USA Performance Technology for \$438,000.00 (07/06/2009)	California Pacific Bank	GJSUB-033-0082		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page59 of 244

577	Transfer to ESI Equipment and Engineering from USA Performance Technology for \$438,000.00 (07/06/2009)	California Pacific Bank	GJSUB-033-0079		
578	Transfer to USA Performance Technology from California Pacific Bank for \$451,985.00 (07/06/2009)	California Pacific Bank	GJSUB-033-0067		
579	Correspondence Re: Transfer to Huan Qu Process Equipment from USA Performance Technology for \$860,000.00 (09/15/2009)	California Pacific Bank	GJSUB-033-0084		
580	Transfer to Huan Qu Process Equipment from USA Performance Technology for \$860,000.00 (09/15/2009)	California Pacific Bank	GJSUB-033-0081		
581	Correspondence Re: Transfer to ESI Equipment and Engineering from USA Performance Technology for \$790,000.00 (09/15/2009)	California Pacific Bank	GJSUB-033-0083		
582	Transfer to ESI Equipment and Engineering from USA Performance Technology for \$790,000.00 (09/15/2009)	California Pacific Bank	GJSUB-033-0080		
583	Transfer to USA Performance Technology from California Pacific Bank for \$130,000.00 (09/15/2009)	California Pacific Bank	GJSUB-033-0070		
584	Advice of Payment to USA Performance Technology for \$1,778,480.00 (12/14/2009)	Mega International Bank	GJSUB-026-0047		
585	Transfer from Bank of China to Megabank for \$1,779,921.00 (12/14/2009)	Mega International Bank	GJSUB-026-0046		

Case3:11-cr-00573-JSW Documentage Filed01/06/14 Page60 of 244

586	Correspondence Re: Transfer to ESI Equipment and Engineering from USA Performance Technology for \$470,000 (12/21/2009)	Mega International Bank	GJSUB-026-0048		
587	Transfer to ESI Equipment and Engineering from USA Performance Technology for \$469,970.00 (12/22/2009)	Mega International Bank	GJSUB-026-0049		
588	Transfer to Upsky International from USA Performance Technology for \$599,970.00 (12/22/2009)	Mega International Bank	GJSUB-026-0050		
589	Transfer to Dongbei Process Engineering from USA Performance Technology for \$708,450.00 (12/22/2009)	Mega International Bank	GJSUB-026-0051		
590	Transfer from PIETC to Performance Group for \$307,091.00 (02/01/2010)	Mega International Bank	GJSUB-026-0067		
591	Correspondence Re: Transfer to USA Performance Technology from Performance Group for \$307,091.00 (02/02/2010)	Mega International Bank	GJSUB-026-0068		
592	Transfer to USA Performance Technology from Performance Group for \$307,076.00 (02/02/2010)	Mega International Bank	GJSUB-026-0069		
593	Advice of Payment to Performance Group for \$306,583.88 (03/09/2010)	Mega International Bank	GJSUB-026-0073		
594	Transfer from China Everbright Bank to Megabank for \$307,066.00 (03/09/2010)	Mega International Bank	GJSUB-026-0072		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page61 of 244

595	Letter of Credit LC3981100007AA between PIETC and Performance Group	Mega International Bank	GJSUB-026-0070 - GJSUB- 026-0071		
596	Correspondence Re: Transfer to USA Performance Technology from Performance Group for \$306,583.88 (03/10/2010)	Mega International Bank	GJSUB-026-0074		
597	Transfer to USA Performance Technology from Megabank for \$306,583.88 (03/11/2010)	Mega International Bank	GJSUB-026-0075		
598	Advice of Payment to Performance Group for \$306,658.88 (06/28/2010)	Mega International Bank	GJSUB-026-0077		
599	Transfer from China Everbright Bank to Megabank for \$307,066.00 (06/28/2010)	Mega International Bank	GJSUB-026-0076		
600	Correspondence Re: Transfer to Dongbei Process Engineering from Performance Group for \$306,658.88 (07/09/2010)	Mega International Bank	GJSUB-026-0078		
601	Transfer to Dongbei Process Engineering from Performance Group for \$306,658.88 (07/12/2010)	Mega International Bank	GJSUB-026-0079		
602	Advice of Payment to Performance Group for \$306,627.88 (dated 07/23/2010)	Mega International Bank	GJSUB-026-0081		
603	Transfer from China Everbright Bank to Megabank for \$ 307,080.00 (07/23/2010)	Mega International Bank	GJSUB-026-0080		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page62 of 244

				1	
604	Correspondence Re: Transfer to PIETC from Performance Group for \$25,000 (08/06/2010)	Mega International Bank	GJSUB-026-0230		
605	Transfer to PIETC from USA Performance Technology for \$25,000 (08/09/2010)	Mega International Bank	GJSUB-026-0088		
606	Message Re: LC3981100007AA confirming \$25,0000 tax paid to PIETC	Mega International Bank	GJSUB-026-0229		
607	Transfer to USA Performance Technology from Megabank for \$281,597.88 (08/09/2010)	Mega International Bank	GJSUB-026-0087		
608	Advice of Payment to USA Performance Technology for \$6,226,062.00 (08/18/2010)	Mega International Bank	GJSUB-026-0053		
609	Transfer from Bank of China to Megabank for \$6,229,985 (08/18/2010)	Mega International Bank	GJSUB-026-0052		
610	Correspondence Re: Transfer to Huan Qu Process Equipment from USA Performance Technology for \$2,670,000 (08/19/2010)	Mega International Bank	GJSUB-026-0054		
611	Transfer to Huan Qu Process Equipment from USA Performance Technology for \$2,670,000.00 (08/19/2010)	Mega International Bank	GJSUB-026-0055		
612	Transfer to Dongbei Process Equipment from USA Performance Technology for \$2,630,000 (08/19/2010)	Mega International Bank	GJSUB-026-0056		
613	Transfer to ESI Equipment and Engineering from USA Performance Technology for \$925,972 (08/19/2010)	Mega International Bank	GJSUB-026-0057		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page63 of 244

614	Transfer from Jinzhou Titanium to Performance Group for \$299,986 (12/17/2010)	Mega International Bank	GJSUB-026-0092		
615	Letter of Credit 0203910LG00004 between Jinzhou Titanium and Performance Group	Mega International Bank	GJSUB-026-0091		
616	Message Re: Amendment of LOC 0203910LG00004	Mega International Bank	GJSUB-026-0303		
617	Correspondence Re: Transfer to USA Performance Technology from Performance Group for \$299,986.00 (01/04/2011)	Mega International Bank	GJSUB-026-0093		
618	Transfer to USA Performance Technology from Performance Group for \$299,966.00 (01/04/2011)	Mega International Bank	GJSUB-026-0094		
619	Advice of Payment to USA Performance Technology for \$1,778,667.00 (01/25/2011)	Mega International Bank	GJSUB-026-0059		
620	Transfer from Bank of China to Megabank for \$1,779,985.00 (01/25/2011)	Mega International Bank	GJSUB-026-0058		
621	Correspondence Re: Transfer to ESI Equipment and Engineering from USA Performance Technology for \$1,778,667.00 (01/25/2011)	Mega International Bank	GJSUB-026-0060		
622	Transfer to ESI Equipment and Engineering from USA Performance Technology for \$1,778,667.00 (01/25/2011)	Mega International Bank	GJSUB-026-0061		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page64 of 244

623	Transfer from Jinzhou Titanium to USA Performance Technology for \$1,357,480.00 (04/13/2011)	Mega International Bank	GJSUB-026-0095			
624	Correspondence Re: Transfer to ESI Equipment and Engineering from USA Performance Technology for \$1,357,480.00 (04/14/2011)	Mega International Bank	GJSUB-026-0096			
625	Transfer to ESI Equipment and Engineering from Performance Group for \$1,357,450.00 (04/15/2011)	Mega International Bank	GJSUB-026-0097			
626	Transfer from Jinzhou Titanium to Performance Group for \$239,986.00 (07/05/2011)	Mega International Bank	GJSUB-026-0098			
627	Letter of Credit 0203910LG00005 between Jinzhou Titanium and Performance Group	Mega International Bank	GJSUB-026-0302			
628	Message Re: Amendment of LOC 0203910LG00005	Mega International Bank	GJSUB-026-0307			
629	Correspondence Re: Transfer to USA Performance Technology from Performance Group for \$239,986.00 (07/13/2011)	Mega International Bank	GJSUB-026-0099			
630	Transfer to USA Performance Technology from Performance Group for \$239,966.00 (07/14/2011)	Mega International Bank	GJSUB-026-0100			
631	Advice of Payment to USA Performance Technology for \$119,385.00	USAPTI Office	C2-00002	O13		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page65 of 244

632	Transfer from PIETC to USA Performance Technology for \$119,385.00 (07/06/2011)	East West Bank (ref: et al)	GJSUB-052-0002-Wires-6 - GJSUB-052-0002-Wires-7		
633	Advice of Payment to USA Performance Technology for \$1,778,777.00 (dated 07/07/2011)	Mega International Bank	GJSUB-026-0063		
634	Transfer from Bank of China to Megabank for \$1,779,985.00 (07/07/2011)	Mega International Bank	GJSUB-026-0062		
635	Correspondence Re: Transfer to LHV Equipment and Services from USA Performance Technology for \$1,778,777.00 (07/13/2011)	Mega International Bank	GJSUB-026-0064		
636	Transfer to LHV Equipment and Services from USA Performance Technology for \$1,778,777.00 (07/14/2011)	Mega International Bank	GJSUB-026-0065		
637	2006 PGUSA Corporate Tax Return	IRS	C2-002009 - C2-002020		
638	2007 PGUSA Corporate Tax Return	IRS	C2-002021 - C2-002029		
639	2008 PGUSA Corporate Tax Return	IRS	C2-002030 - C2-002038		
640	2007 USA PTI Corporate Tax Return	IRS	C2-002039 - C2-002044		
641	2008 USA PTI Corporate Tax Return	IRS	C2-002045 - C2-002052		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page66 of 244

642	2009 USA PTI Corporate Tax Return	IRS	C2-002053 - C2-002064		
643	2010 USA PTI Corporate Tax Return	IRS	C2-002065 - C2-002075		
644	IDRS - PGUSA INOLE	IRS	C2-002147		
645	IDRS - 2006 PGUSA Corporate Filing History	IRS	C2-002152 - C2-002153		
646	IDRS - 2007 PGUSA Corporate Filing History	IRS	C2-002154		
647	IDRS - 2008 PGUSA Corporate Filing History	IRS	C2-002155		
648	IDRS - 2009 PGUSA Corporate Filing History	IRS	C2-002156		
649	IDRS - 2010 PGUSA Corporate Filing History	IRS	C2-002157		
650	IDRS - USA PTI INOLE	IRS	C2-002215		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page67 of 244

651	IDRS - 2007 - USA PTI Corporate Filing	IRS	C2-002230		
652	IDRS - 2008 - USA PTI Corporate Filing	IRS	C2-002231		
653	IDRS - 2009 - USA PTI Corporate Filing	IRS	C2-002232 - C2-002233		
654	IDRS - 2010 - USA PTI Corporate Filing	IRS	C2-002234 - C2-002235		
655	2006 PGUSA Tax Return	Philip Guan	C2-002274 - C2-002296		
656	2006 PGUSA Profit and Loss and Balance Sheet	Philip Guan	C2-002297 - C2-002348		
657	2007 PGUSA Tax Return	Philip Guan	C2-002616 - C2-002631		
658	2007 PGUSA Profit and Loss and Balance Sheet	Philip Guan	C2-002349 - C2-002385		
659	2007 PGUSA Supporting Documents - Bank Statements	Philip Guan	C2-002386 - C2-002478		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page68 of 244

660	2007 PGUSA Supporting Documents - Checks	Philip Guan	C2-002572 - C2-002615		
661	2007 & 2008 PGUSA Supporting Documents - Checks Audit	Philip Guan	C2-002692 - C2-002746		
662	2008 PGUSA Supporting Documents - Checks	Philip Guan	C2-002926 - C2-002995		
663	2008 PGUSA Tax Return	Philip Guan	C2-002910 - C2-002923		
664	2008 PGUSA Profit and Loss and Balance Sheet	Philip Guan	C2-002747 - C2-002770		
665	2008 PGUSA Supporting Documents	Philip Guan	C2-002840 - C2-002909		
666	2007 USAPTI Tax Return	Philip Guan	C2-002678 - C2-002691		
667	2008 USAPTI Tax Return	Philip Guan	C2-003088 - C2-003102		
668	2008 USAPTI Profit and Loss and Balance Sheet	Philip Guan	C2-003067 - C2-003087		

Case3:11-cr-00573-JSW D9GHTMHBI4G1 Filed01/06/14 Page69 of 244

669	2009 USAPTI Tax Return	Philip Guan	C2-003298 - C2-003316			
670	2009 USAPTI Profit and Loss and Balance Sheet	Philip Guan	C2-003235 - C2-003263			
671	2009 USAPTI Supporting Documents	Philip Guan	C2-003103 - C2-003129			
672	2010 USAPTI Tax Return	Philip Guan	C2-003495 - C2-003517			
673	2010 USAPTI Profit and Loss and Balance Sheet	Philip Guan	C2-003468 - C2-003494			
674	2010 USAPTI Supporting Documents	Philip Guan	C2-003317 - C2-003360			
675	DuPont Complaint for Misappropriation of Trade Secrets C11-01665	USAPTI Office	C2-000002	O10		
676	USAPTI and Walter Liew Answer and Counterclaims to DuPont's Complaint 11-CV- 10665	Court docket 11-CV- 10665				
677 677T	Document in Chinese, translated document entitled "Technical requirements for the production of titanium white powder"	Liew Residence	C2-000003	H19		
678	Email from Robert Maegerle to Walter Liew RE: DuPont Civil Suit (04/08/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page70 of 244

679	Email and attachment from Robert Maegerle to Walter Liew Re: Comments on Complaint (04/09/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
680	Email and attachment from Robert Maegerle to Walter Liew Re: Additional Comments (04/11/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
681	Email from Robert Maegerle to Walter Liew RE: "We Wonder Why?" Items (04/21/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
682	Email from Robert Maegerle to Walter Liew Re: Technology (04/24/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
683	Email from Robert Maegerle to Walter Liew Re: Comments on Response (05/10/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
684	Email and attachment from Walter Liew to Robert Maegerle Re: Additional info requested (05/10/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
685	Email and attachment from Walter Liew to Robert Maegerle Re: Draft ANSWER with COUNTER (05/11/2011)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
686	List of websites and notes including "DuPont licensed its TiO2 in 1968" and "DuPont closed down its Antioch TiO2 plant in 1998 and dismantled in 1999"	Maegerle Residence	C2-000025	SVE035863		
687 687T	Notes in English and Chinese, including "Ask Liu Jian what he had told his lawyer" and other notes	Liew Residence	C2-000003	Н32		
688 688T	Letter from Liu Yuanxuan and Qiao Hong to Chairman Qi (04/25/2011)	Liew Residence	C2-000026	SVE034491		
689 689T	Letter from Walter Liew and Christina Liew to General Manager Chen (4/25/2011)	Liew Residence	C2-000024	SVE034491		

Case3:11-cr-00573-JSW D96HPRANT661 Filed01/06/14 Page71 of 244

690	Collection of materials in folder labeled "Legal," including documents entitled "Response to Complaint for Misappropriation of Trade Secrets," "Additional Response to Complaint," handwritten notes, and other materials	Maegerle Residence	C2-000014	1B026		
691	News articles in folder labeled "Corresp. To" entitled "DuPont: Convicted spy says he loves former employer" and "Jail time imposed in DuPont spy case"	Maegerle Residence	C2-000014	1B026		
692 692T	Letter from Christina Liew and Walter Liew to Chen Yong (04/27/2011)	USAPTI Office	C2-000002	O43		
693	Correspondence from Allen Chiang to Gregory Feulner	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
694	Document entitled "On legal issue with Du Pont"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
695	Handwritten note including "Not to tell anything voluntarily" and "Never to give any more information than a question requires"	USAPTI Office	C2-000002	O13		
696	Folder entitled "Materials" containing kayak42@verizon.net and hong888usa@yahoo.com email addresses and Daniel Mount note	Maegerle Residence	C2-000014	1B026		
697	Email from kayak1@worldnet.att.net to Rmaegerle@cs.com Re: Info on China Project (02/08/2004)	Maegerle Residence	C2-000025	SVE035866		
698	Email from Tony and Judi Pezone to Robert Maegerle Re: Engineering Asst on China TiO2 (03/24/2006)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
699	Note listing Roger Finato, Hazel Finato, Glenn Sullivan, Pete Santos, Bob Deaver	Liew Residence	C2-000024	SVE039340		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page72 of 244

700	Handwritten notes in Chinese and English	Liew Residence	C2-000003	Н23		
701	Document entitled "Explanation to Roger on Legal Issues"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
702	Email from waltliew@comcast.net to Rmaegerle@cs.com Re: Pangang TiO2 (02/06/2004)	Maegerle Residence	C2-000025	SVE035866		
703	Document labeled "Roger Finato" (10/12/2004)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
704	Document entitled "Silicon and spray machine by Bob" (12/18/2005)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
705	Office Depot notepad labeled "Dan McIntosh" with handwritten notes	Liew Residence	C2-000003	Н30		
706	Handwritten notes and drawings including "Jim Sylvanus" and "They haven't given up on Dong Ying project yet"	USAPTI Office	C2-00002	O38		
707 707T	Letter to Manager Gu	Rodeway Inn - Room 117	C2-000026	SVE034405		
708	Email and attachment from Robert Maegerle to Walter Liew Re: DuPont TiO2 (09/18/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
709	Email from Walter Liew to rmaegerle@cs.com Re: Zhenjiang TiO2 (05/30/2005)	USAPTI Office	C2-000024	SVE034330		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page73 of 244

710	Email from Walter Liew to albertsun@mxic.com.tw Re: Follow up (02/23/2006)	USAPTI Office	C2-000024	SVE034330		
711 711T	Document in Chinese, translated document entitled "DuPont Factory Introduction"	Rodeway Inn - Room 117	C2-000026	SVE034405		
712	Email from Walter Liew to rmaegerle@cs.com Re: Hello from Beijing (11/16/2004)	USAPTI Office	C2-000024	SVE034330		
713	Fax from Pinewater Designs to Walter Liew (01/30/1999)	Liew Residence	C2-000003	Н6		
714	Letter from Walter Liew to Robert Maegerle (02/11/1999)	Liew Residence	C2-000003	Н6		
715	Collection of materials including document entitled "DuPont Titanium Technologies, Dongying Titanium Dioxide Plant, Core Document: Critical Issues, Messages" (03/13/2008)	USAPTI Office	C2-000002	O27		
716	Document entitled "Informed from DuPont employee of KuanYin Plant"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
717	Email from Robert Maegerle to Walter Liew RE: Jet Pulverizer Company (12/24/2009)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
718	Correspondence Between Walter Liew and Dan McIntosh (09/17/1997)	Maegerle Residence	C2-000014	1B026		
719 719T	Document in Chinese, translated document electronically entitled "DuPont de Nemours' 100,000 ton oxidation furnace"	Rodeway Inn - Room 117	C2-000026	SVE034263		
720 720T	Document in Chinese, translated document electronically entitled "Attachment: Reply to Jiangsu Meilan Chemical Co. Ltd."	Liew Residence	C2-000003	Н6		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page74 of 244

721 721T	Letters from Liu Yuanxuan to Zhou Jiacong	Liew Residence	C2-00003	Н7		
722	(03/06/2004, 03/08/2004) Documents in folder labeled "DuPont Correspond." including salary increase and bonus award letters from DuPont to Robert Maegerle	Maegerle Residence	C2-000014	1B009		
723	Letter from Gregory Feulner to CEO, USA Performance Technology Inc Re: Chloride Process (11/13/2009)	DuPont	C2-004798			
724	Letter from DuPont to Chao Tze (08/02/2005), sent to Eduardo Flores, includes Flores note to Chao (08/11/2005)	Chao Residence		1B222		
725	DuPont letter to Eduardo Flores, sent to Chao (08/02/2005)	Chao Residence		1B222		
726	Schematic of Antioch Works Process Equipment Standards (04/01/1985, 04/02/1985)	USAPTI Office	C2-00002	O13		
	Document in Chinese, translated document electronically entitled "DuPont's production capacity and distribution"	Rodeway Inn - Room 117	C2-000026	SVE034263		
729	Copy of Qiao Mu passport	Liew Residence	C2-000003	H25		
730	Copies of PRC Passport, US Permanent Resident Card, Social Security card of Shu Hua Zuo	Liew Residence	C2-000003	H29		
731	Qiao Ning US Visa (expiration 10/05/1994)	Liew Residence	C2-000003	H29		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page75 of 244

732	Walter Liew US Passport (valid 06/22/2001 - 06/21/2011)	Liew Residence	C2-000003	Н30		
733	Christina Liew US Passport (valid 11/04/2010 - 11/03/2020)	Liew Residence	C2-000003	Н30		
734	Christina Liew US Passport (valid 06/17/2002 - 06/16/2012)	Liew Residence	C2-000003	Н30		
735	Lian Heen Liew Malaysian Passport (expiration 03/05/1994)	Liew Residence	C2-000003	Н12		
736	Walter Liew Malaysian Passport (expiration 07/17/1985)	Liew Residence	C2-000003	Н10		
737	Christina Liew US Passport (valid 12/04/1997 - 12/03/2007)	Liew Residence	C2-000003	Н12		
738	Walter Liew US Passport, (valid 10/25/2007 - 10/24/2017) with Zhuang Kai and Zheng Shaohua business cards	Liew Residence	C2-000003	H29		
739	Fan Yuezhen PRC Passport (expiration 01/14/1995)	Liew Residence	C2-000003	Н30		
740	One USB thumb drive provided by Wendell C. Baker of Able-Baker Automation (physical item)	Able-Baker Automation	C1-002511 - C1-007325			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page76 of 244

741	One VHS tape labeled Antioch	Liew Residence	C2-000087	H12		
742	One safe deposit box key (physical item - from Liew residence)	Liew Residence				
743	One hard drive model WD2500BEVS, Serial#WXC608C48528 in Nex-Star SG case (physical item)	Bank of East Asia Safe Deposit Box				
744	One SanDisk 8GB removable media in a red bag (physical item)	Bank of East Asia Safe Deposit Box				
745	One SanDisk 4GB removable media found inside a grey sock (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				
746	One AIGO removable media in a red bag (physical item)	Bank of East Asia Safe Deposit Box				
747	One Sony 256MB removable media found inside a black pouch (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				
748	One SanDisk Magic Gate removable media found inside a black pouch (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				
749	One SanDisk Magic Gate removable media found inside a black pouch (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page77 of 244

750	One SanDisk Magic Gate removable media found inside a black pouch (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				
751	One SanDisk 4GB removable media found inside grey sock (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				
752	One SanDisk 4GB removable media found inside grey sock (in the red bag) (physical item)	Bank of East Asia Safe Deposit Box				
753	Kingston Data Traveler 2GB removable media (physical item)	Bank of East Asia Safe Deposit Box				
754	One Kingston Data Traveler 4GB removable media in the red bag (physical item)	Bank of East Asia Safe Deposit Box				
755	One JetFlash 512MB removable media in the red bag (physical item)	Bank of East Asia Safe Deposit Box				
756	One safe deposit key in envelope marked with "00006" (physical item - from safe deposit box)	Bank of East Asia Safe Deposit Box	PTI-PO-00025			
757	One red bag containing various items to include electric storage devices (physical item)	Bank of East Asia Safe Deposit Box				
758	Walter Liew Resume	Liew Residence	C2-000003	H4		

Case3:11-cr-00573-JSW D96HPRHBH661 Filed01/06/14 Page78 of 244

759	Paul Reis Resume	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
760	Jurgen Braun Resumes	Liew Residence	C2-000003	Н6		
761	Jurgen Braun resume	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
762	Daniel McIntosh Resume	Liew Residence	C2-000003	Н6		
763	Robert Maegerle resume	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
764	Robert Maegerle Resume in Chinese	Liew Residence	C2-000003	Н6		
765	Peter Wong resume	USAPTI Office	C2-000002	O10		
766	Jim Wheeler resume	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
767	Bob Deaver resume	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page79 of 244

768	Roger Finato resume	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
769	John Liu time sheets, employment agreement with signatures (08/06/2010)	USAPTI Office	C2-000002	O32		
770	White binder labeled "Resume Mechanical Engineers from Craigslist December 2009" containing resumes, handwritten notes and other materials	USAPTI Office	C2-000002	O35		
771	White binder labeled "Resume from Craigslist Oct 2009 Mechanical Engineer" containing resumes, handwritten notes and other materials	USAPTI Office	C2-000002	O35		
772	Blue binder labeled "USA Performance Technology, Inc 2008 Corporation Info Bank Statements Payroll 1099" containing bank statements, copies of checks, time sheets, and other materials	Liew Residence	C2-000003	НІ		
773	Employment agreement and employment separation statement between DuPont and Tze Chao	DuPont	C1-007783 - C1-007787			
774	Employee agreement and employment termination statement between DuPont and Timothy Spitler and HR data for Timothy Spitler	DuPont	C1-007773 - C1-007782			
775	Employment agreement between DuPont and Robert Maegerle, Employees' Agreement between DuPont and Robert Maegerle, Employment Termination Agreement between DuPont and Robert Maegerle, HR data for Robert Maegerle	DuPont	C1-007761 - C1-007772			
776	USAPTI Employment Agreement between Walter Liew and Peter Wong (07/13/2009)	USAPTI Office	C2-000002	O37		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page80 of 244

777	USAPTI Employment Agreement between John Liu and USAPTI	Chevron	C1-007792 - C1-007795			
778	USAPTI Employment Agreement between John Liu and Walter Liew (10/01/2010)	USAPTI Office	C2-000002	O32		
779	USAPTI Employment Offer Letter to Yuping Jiao, signed by Walter Liew and Yuping Jiao (03/05/2011)	USAPTI Office	C2-000002	O32		
780	Hong Qiao Employment Verification at LH Performance Inc as Director of Sales in Computer Systems Division (12/01/1995) and letter to Consulate General of Malaysia Re: Visa application for Hong Qiao (12/01/1995)	Liew Residence	C2-000003	H24		
781	Consultant Agreement between LH Performance and Roger Finato	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
782	Independent Contractor Agreement between Walter Liew and Leonard Tilton (07/15/2009)	USAPTI Office	C2-000002	O37		
783	USAPTI Employee Confidentiality Agreements between Walter Liew and Chuong Si Duong, Dennison Lorenza, Chi Cheng Chan, Thongchai Thongthawee, Yucheng Wang, Allen Chang, Venerando Parulan, Philipp Ilagan, Ruth C. Oduca	USAPTI Office	C2-000002	O32		
784	Handwritten note to all USAPTI with signatures	USAPTI Office	C2-000002	O31		
785	Document labeled "Employee Confidentiality Agreement"	USAPTI Office	C2-000002	O13		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page81 of 244

			T. C.			
786	Confidentiality and Non-Circumvention Agreement between Glenn Chase and Walter Liew	Liew Residence	C2-000003	Н19		
787	Confidential Disclosure Agreement between Gaylord Chemical Corporation and Robert Maegerle	Gaylord Chemical Company	GJSUB-079-0004 - GJSUB- 079-0016			
788	Letter from Jian Liu to Chevron (04/01/2011)	John Liu	C2-000094 - C2-000095			
789	Letter from Jian Lu to Chevron (03/31/2011)	Liew Residence	C2-000024	SVE034491		
790	Email and attachment from John Liu to hong888usa@yahoo.com Re: Timesheet (03/28/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
791	Letter from Walter Liew to Allen Chiang (05/24/2004)	Liew Residence	C2-000003	Н6		
792	Email from Tony D to Walter Liew (05/30/2011)	Tony Duong	C2-004860 - C2-004861			
794	Email from Walter Liew to Thongchai Thongthawee, carbon copy to Tony Duong, Allen Chang, Robert Maegerle Re: Flue Pipe to Oxidation Bagfilter Connection (06/06/2011)	Tony Duong	C2-004860 - C2-004861			
795	Email from Walter Liew to Tony Duong Re: The utility to shred files and hard disk's "free" space (05/31/2011)	Tony Duong	C2-004860 - C2-004861			

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page82 of 244

796	Email from Walter Liew to John Liu, carbon copy to Tony Duong Re: Submittal to Pangang (02/14/2011)	Tony Duong	C2-004860 - C2-004861			
797	Email from Thongchai T. to Walter Liew Re: Oxidation Reactor update (DEC2410_CA-time) (12/24/2010)	Tony Duong	C2-004860 - C2-004861			
799	Letter from Walter Liew to Bill Allen (05/14/1997)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
803	Email from Peter Zisko to Walter Liew Re: Nothing Special (11/28/2005)	Yahoo! Email	C2-000004 - C2-000009	SVE034575		
804	Copy of check from Christina Liew to Gu Ya Zhen (05/13/2010)	Wells Fargo	GJSUB-050-0002			
805	Copies of checks from Christina Liew to Gu Ya Zhen (09/30/2010, 01/07/2011)	Citibank	GJSUB-53-0547			
806	Copy of anonymous note sent to DuPont and associated envelope and correspondence	DuPont	C2-001889 - C2-001890			
808	Collection of materials including Employment Development Department registration form for commercial employers, Performance Group (USA) Invitation Letter, handwritten notes and other materials	USAPTI Office	C2-00002	O13		
809	Collection of correspondence from Stantec including emails from Terry Herringshaw to Walter Liew, a letter from Stantec Corporate Counsel to Walter Liew, Performance Group (USA) Inc, a copy of a Complaint by Stantec Consulting Inc and other materials	Stantec	GJSUB-078-0451 - GJSUB- 078-0484			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page83 of 244

811	Handwritten notes including "Frederick L Arbogast," "Arthur Bonwell," "Roger Finato," "Bob Deaver," and other notes	Liew Residence	C2-000003	H4		
812 812T	Handwritten notes in Chinese and English, including "Pu Changlin" and "Sorry for keep bothering you even though we haven't met" and other notes	Liew Residence	C2-000003	Н4		
813	Blue Mead notebook containing handwritten notes in English and Chinese including "The GM of Shell in Beijing? Can I get his contact?" and "Any Beijing contacts e.g. Air Products, Shell, DOE"	Liew Residence	C2-000003	Н4		
816	Declaration of Custodian of Records of Stanford University and associated correspondence	Stanford	GJSUB-106-0001 - GJSUB- 106-0002			
817	Signatures "Allen Chiang"	Liew Residence	C2-000003	Н7		
818	Document labeled "Not walking the Talk - DuPont's Untold Safety Failures - Page 17 to 19" including "We should deny any knowledge of China's 5 year plan" and "It is probably best to list Kuan Yin as a large capacity plant and Jinzhou as a small capacity (30k t/y) plant" and	Liew Residence	C2-000003	H28		
819	Letters from Walter Liew to Dr. Don Valentine	Liew Residence	C2-000003	H24		
820	Document entitled "Agreement for Supply of 5,000 MTPY ACR Plant" (04/10/1995)	Liew Residence	C2-000003	H12		
821	Email from Eugene Thiers to Walter Liew Re: Jinzhou Titanium Dioxide (05/01/1997)	Liew Residence	C2-000003	H11		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page84 of 244

	1					
Fax from Walter Liew to Eugene Thiers (04/30/1997)	Liew Residence	C2-000003	Н11			
Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew	Liew Residence	C2-000003	H23			
Document electronically titled "Patent List-TiO2"	USAPTI Office	C2-000022	SVE034303			
Black binder containing a collection of materials including document entitled "Manufacture and General Properties of titanium dioxide pigments," "Titanium Dioxide Listing Background Document for the Inorganic Chemical Listing Determination " and other	USAPTI Office	C2-00002	O43			
Collection of materials including US Patent materials	USAPTI Office	C2-000002	O45			
Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12/07/1993)	Chao Residence		1B212			
Document in English and Chinese entitled "Assessment of Proposed Pangang 100k t/pa TiO2 Chloride Process Flowsheet and P&ID" (9/25/2009)	Rodeway Inn - Room 117	C2-000026	SVE034263			
Document in Chinese, translated document entitled "Oxidation Reactor Design"	Rodeway Inn - Room 117	C2-000026	SVE034263			
Letter in Chinese from USA Performance Company, President Liu Yuanxuan to China Petroleum and Chemical Industry Association" (08/18/2004)	Liew Residence	C2-000003	Н6			
Tze CHAO plea agreement	Court docket 11-CR- 573					
	Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew Document electronically titled "Patent List-TiO2" Black binder containing a collection of materials including document entitled "Manufacture and General Properties of titanium dioxide pigments," "Titanium Dioxide Listing Background Document for the Inorganic Chemical Listing Determination." and other Collection of materials including US Patent materials Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12/07/1993) Document in English and Chinese entitled "Assessment of Proposed Pangang 100k t/pa TiO2 Chloride Process Flowsheet and P&ID" (9/25/2009) Document in Chinese, translated document entitled "Oxidation Reactor Design" Letter in Chinese from USA Performance Company, President Liu Yuanxuan to China Petroleum and Chemical Industry Association" (08/18/2004)	Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew Document electronically titled "Patent List-TiO2" Black binder containing a collection of materials including document entitled "Manufacture and General Properties of titanium dioxide pigments," "Titanium Dioxide Listing Background Document for the Inorganic Chemical Listine Determination" and other Collection of materials including US Patent materials Collection of materials including US Patent materials Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12/07/1993) Document in English and Chinese entitled "Assessment of Proposed Pangang 100k t/pa TiO2 Chloride Process Flowsheet and P&ID" (9/25/2009) Document in Chinese, translated document entitled "Oxidation Reactor Design" Letter in Chinese from USA Performance Company, President Liu Yuanxuan to China Petroleum and Chemical Industry Association" (08/18/2004) Tra CHAO place agreement	Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew Document electronically titled "Patent List-TiO2" Black binder containing a collection of materials including document entitled "Manufacture and General Properties of titanium dioxide pigments," "Titanium Dioxide Listing Background Document for the Inorganic Chemical Listine Determination " and other Collection of materials including US Patent materials Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12/07/1993) Document in English and Chinese entitled "Assessment of Proposed Pangang 100k t/pa TiO2 Chloride Process Flowsheet and P&ID" (9/25/2009) Document in Chinese, translated document entitled "Oxidation Reactor Design" Letter in Chinese from USA Performance Company, President Liu Yuanxuan to China Petroleum and Chemical Industry Association" (08/18/2004) Liew Residence C2-000003 Liew Residence C2-000003	Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew Liew Residence C2-000003 H23 Document electronically titled "Patent List-TiO2" USAPTI Office C2-000022 SVE034303 USAPTI Office C2-000022 SVE034303 USAPTI Office C2-000022 O43 Black binder containing a collection of materials including document entitled "Manufacture and General Properties of titanium dioxide pigments," "Titanium Dioxide Listing Background Document for the Inorganic Commence Listine Determination." and other Collection of materials including US Patent materials Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12/07/1993) Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12/07/1993) Chao Residence C2-00002 O45 C2-00002 O45 Rodeway Inn - Room 117 C2-000026 SVE034263 Tro Chloride Process Flowsheet and P&ID" (9/25/2009) Rodeway Inn - Room 117 C2-000026 SVE034263 Liew Residence C2-00003 H6	Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew Document electronically titled "Patent ListTiO2" Black binder containing a collection of materials including document entitled "Manufacture and General Properties of itanium dioxide pigments," "Titanium Dioxide Listing Background Document for the Inorganic Chemical Listine Determination." and other. Collection of materials including US Patent materials Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12-07/1993) Collection of materials including document entitled "DuPont Chloride Process Patent Activity" (12-07/1993) Rodeway Inn - Room 117 Coument in English and Chinese entitled "Assessment of Proposed Pangang 100k t/pa 1702 Chloride Process Flowsheet and P&ID" (9/25/2009) Document in Chinese, translated document entitled "Oxidation Reactor Design" Lieter in Chinese from USA Performance Company, President Lis Varanua to China Petroleum and Chemical Industry Association" (08/18/2004) Court docket 11-CR-	Information on Tax Treaty between US and PRC, includes note from IRS to Walter Liew Liew Residence C2-000003 H23 Document electronically titled "Patent List-TiO2" USAPTI Office C2-000022 SVE034303 USAPTI Office C2-000022 SVE034303 USAPTI Office C3-000002 O43 Background Document of title honganic Chemical Listing Determination "and other." Collection of materials including US Patent materials including US Patent materials including document entitled "DuPont Chloride Process Patent Activity" (12-07/1993) Collection of materials including document entitled "Patent Entitled "Assessment of Proposed Pangang 100k t/pa TiO2 Chloride Process Flowsheet and PRID" (925/2009) Document in English and Chinese entitled "Assessment of Proposed Pangang 100k t/pa TiO2 Chloride Process Flowsheet and PRID" (925/2009) Document in Chinese, translated document entitled "Oxidation Reactor Design" Liew Residence C2-000003 H6 C2-000003 H6 C2-000003 H6 C2-000003 H6 C2-000003 H6

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page85 of 244

835 835T	Document in Chinese, translated document entitled "Confidential Agreement" signed by Walter Liew and Zhang Lin (12/29/2006)	Liew Residence	C2-000003	Н12		
836 836T	Copies of business card and notes in Chinese and English, including HSBC business card of Ying-Chi Ho and notes listing "They have been dragging behind all along" and other notes	Liew Residence	C2-000003	H14		
837 837T	Document in Chinese, translated document entitled "About USA PTI Company"	Rodeway Inn - Room 117	C2-000026	SVE034405		
838 838T	Document in Chinese, translated document entitled "How to use AspenPlus and external heat exchanger design program (Part 1)"	USAPTI Office	C2-000022	SVE034303		
839 839T	Notes in Chinese listing relatives, contact information and other notes	USAPTI Office	C2-000022	SVE034309		
840 840T	Document in Chinese, translated document electronically entitled "Price of Know-How"	USAPTI Office	C2-000022	SVE034309		
841 841T	Document in Chinese, translated document entitled "December 1991, Diaoyutai State Guesthouse"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
842	Letter regarding TiO2 Project Security (04/02/1985)	DuPont	C1-000120 - C1-000122			
843	Document entitled "Design Division HOW" (02/15/1985) and letter regarding TiO2 Project Security (02/18/1985)	DuPont	C1-000123 - C1-000131			
844	Letter Regarding TiO2 Project Security (02/18/1985)	DuPont	C1-000132 - C1-000134			
845	Letter Regarding Chloride Process Security (11/14/1986)	DuPont	C1-000135 - C1-000148			
846	Memo Regarding WMMS/M&E Security (04/06/1987)	DuPont	C1-000149			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page86 of 244

847	Memo Regarding Chloride Process Security Meeting (04/03/1987)	DuPont	C1-000150 - C1-000153		
848	Letter Regarding Intergraph Security (02/06/1987)	DuPont	C1-000154		
849	Letter Regarding Contractor Use of Logic Diagrams (02/90/1987)	DuPont	C1-000155 - C1-000168		
850	Security Guidelines for TiO2 Projects	DuPont	C1-000169 - C1-000189		
851	DuPont Information Security (DISO) Policies	DuPont	C1-007326 - C1-007678		
852	DuPont Audit Report EWC Audit - Infotech Security	DuPont	C1-007326 - C1-007678		
853	DuPont DISO Information Classification Standards	DuPont	C1-007326 - C1-007678		
854	DuPont EWC Review - Infotech Security (06/27/2005)	DuPont	C1-007326 - C1-007678		
855	DuPont Corporate PIP Program Guide	DuPont	C1-007326 - C1-007678		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page87 of 244

856	DuPont PIP Guide for Safeguarding Company Documents and Information	DuPont	C2-000050 - C2-000066		
857	DuPont Trade Secret Policy	DuPont	C2-000036 - C2-000049		
858	DuPont Site Administrative Manual, Revised (11/09/1995)	DuPont	C1-007326 - C1-007678		
859	DuPont Trade Secret Policy and Risk Management	DuPont	C1-007326 - C1-007678		
860	ACRA Reports - ESI Equipment	Court docket 214, 12/13/2012			
861	ACRA Reports - Lawrence Process	Court docket 214, 12/13/2012			
862	ACRA Reports - Dongbei	Court docket 214, 12/13/2012			
863	ACRA Reports - Huadong	Court docket 214, 12/13/2012			
864	ACRA Reports - Huan Qu	Court docket 214, 12/13/2012			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page88 of 244

865	ACRA Reports - LHV	Court docket 214, 12/13/2012				
867	Payment reference for \$701,985.00 (01/04/2010)	Bank of China	GJSUB-109-0010 - GJSUB- 109-0012			
868	Payment reference for \$792,000.00 on 01/04/2010	Bank of China	GJSUB-109-0013-0015			
869	Letter from Mike Marinak to Bob Maegerle (07/16/1997)	Maegerle Residence	C2-000014	1B031		
870	Document in English and Chinese entitled "100kt/a Pangang (Group) Company 100,000 MTPY Titanium Dioxide by Chloride Route Project (BI) MOU of Basic Information Liaison Meeting" (11/30/2009 - 12/15/2009)	USAPTI Office	C2-000023	SVE034297		
871	Equipment specifications for contract number 09USSCY32PGTY24 (04/20/2010) and copy of tab labeled "ES-011-FP5560 Flue Pond"	USAPTI Office	C2-000002	O30		
872 872T	DuPont Production Cost Data Document in Chinese, translated document entitled "DuPont Production Cost Data"	Liew Residence	C2-000024	SVE034409		
873 873T	Document in Chinese, translated document entitled "Concept Design Review Meeting Minutes"	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
874 874T	Copies of notes in Chinese and English, including "Greetings Director Zhou! I am Liu Yuanxuan of USA Performance Company"	Liew Residence	C2-000003	Н4		
875 875T	Notes in English and Chinese, including "Director of the State Economics and Trade Commission" and other notes	Liew Residence	C2-000003	H16		
876 876T	Document in Chinese, translated document entitled "Contact List for Leading Cadres above Assistant Section Head Level at Pangang Group Titanium Industrial Co., Ltd."	Rodeway Inn - Room 117	C2-000026	SVE034543		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page89 of 244

877	Collection of materials including Bank of East Asia personal account information and safe deposit box lease for Christina Liew	Bank of East Asia	PTI-000025 - PTI-000046			
878	Email From Sherman Chen to Robert Maegerle Re: China Titanium Tetrachloride Plant (03/03/2006)	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
879	TiO2 Experts Partial List	Bank of East Asia Safe Deposit Box	Hard drive provided 12/19/2011	SVE034332		
880	Email and attachment from Hong Liew to grp- pekrr-all@united.com Re: Copy of my Credit Card (09/29/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
881	Email from United Airlines to Hong888USA@yahoo.com RE: Your E-Mail Confirmation from United JCRDFY (09/30/2010)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
882	Email and attachments from Hong Liew to Wang, Yue Re: Award tickets to Singapore (06/21/2011)	Yahoo! Email (Christina Liew)	C2-004686	hong888usa@yahoo.com		
884	Book including photograph of individuals with a banner reading Kick-Off Meeting of Pangang Chloride TiO2 Pigment Technology Transfer	John Liu	C2-000102			
885	Collection of materials including document entitled "Taiwan Ped Control Procedure 4" (04/20/1990)	DuPont	DTT0006188 - DTT0006301			
886	Documents entitled "PHS Basic Data Document Request Form" and "PHA and Basic Data Log"	DuPont	DTT0005988 - DTT0005989			

Case3:11-cr-00573-JSW Documentage Filed01/06/14 Page90 of 244

887	Document entitled "Corporate Proprietary Information Protection Program Guide"	DuPont	DTT0001179 - DTT0001193		
888	Document entitled "DuPont Corporate PIP Best Practices"	DuPont	DTT0001477 - DTT0001483		
889	Document entitled "Security Guidelines for White Pigment's Projects and Maintenance" (06/2009)	DuPont	DTT0002402 - DTT0002452		
890	Memo from Assistant Plant Manager to All Supervision (10/03/1962)	DuPont	DTT0002170 - DTT0002172		
891	Document entitled "DuPont The Miracles of Science"	DuPont	DTT0005560 - DTT0005565		
892	Document entitled "Guide for Safeguarding Du Pont Company Documents and Information"	DuPont	DTT0000021 - DTT0000037		
893	Newsletter entitled "Proprietary Information Protection" (11/1966)	DuPont	DTT0000251		
894	Letter and attachments from Sherman Chen, Pacific Engineers and Constructors, Ltd to R.J. Maegerle, Project Manager, E.I. Du Pont de Nemours and Company (Inc.) (06/02/1986)	DuPont	DTT0007174 - DTT0007181		
895	Letter from R.J. Maegerle and attachments including "charts from the Taiwan TiO2 Pre-Project Planning Meeting held December 11, 1986" (12/12/1986)	DuPont	DTT0007182 - DTT0007354		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page91 of 244

896	Letter and attachments from Robert E. Houghtaling attaching the "general security plan for Project 4010 aimed at safeguarding Du Pont TiO2 chloride process technology" (01/19/1990)	DuPont	DTT0006302 - DTT0006450		
897	Document entitled "Trade Secret Protection Manual: DTT Kuan Yin Plant" (10/28/2010)	DuPont	DTT0007656 - DTT0007725		
898	Collection of materials including "Exit Confidentiality Reminder," Employee Declaration," "DuPont Inherited Records Compliance Statement," and "Inherited Records Disposition Plan Template"	DuPont	DTT0007650 - DTT0007653		
899	Document entitled "Basic Data Best Practice" (02/06/2002)	DuPont	0899-0001 - 0899-0007		
900	Agreement between E.I. DuPont Nemours and Company and The Sherwin-Williams Company	DuPont	0900-0001 - 0900-0019		
901	Letter from Luke Tang, for Attorney-General, to Mr. Donald D. Ashley, U.S. Department of Justice Legal Attaché (11/11/2013)	Singapore	0901-0001		
902	Statutory Declaration by Rozanna Binte Abdul Jalil (10/30/2013)	Singapore	0902-0001 - 0902-0015		
903	Attestation of Authenticity of Official Records	Singapore	0903-0001 - 0903-0005		
904	Collection of materials including Attestation of Authenticity of Official Records (06/05/2013) and Accounting and Corporate Regulatory Authority (ACRA) records related to Lawrence Process Engineers Pte. Ltd	Singapore	0904-0001 - 0904-0075		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page92 of 244

905	Collection of materials including Attestation of Authenticity of Official Records (06/05/2013) and Accounting and Corporate Regulatory Authority (ACRA) records related to Huadong Equipment Solutions Pte. Ltd.	Singapore	0905-0001 - 0905-0083		
906	Collection of materials including Attestation of Authenticity of Official Records (06/05/2013) and Accounting and Corporate Regulatory Authority (ACRA) records related to Huan Qu Process Engineering Pte. Ltd.	Singapore	0906-0001 - 0906-0066		
907	Collection of materials including Attestation of Authenticity of Official Records (06/05/2013) and Accounting and Corporate Regulatory Authority (ACRA) records related to Dongbei Process Engineering Pte. Ltd.	Singapore	0907-0001 - 0907-0068		
908	Collection of materials including Attestation of Authenticity of Official Records (06/05/2013) and Accounting and Corporate Regulatory Authority (ACRA) records related to LHV Equipment and Services Pte. Ltd.	Singapore	0908-0001 - 0908-0060		
909	Collection of materials including Attestation of Authenticity of Official Records (06/05/2013) and Accounting and Corporate Regulatory Authority (ACRA) records related to ESI Equipment and Engineering Pte. Ltd.	Singapore	0909-0001 - 0909-0084		
910	Document entitled "DuPont Operations Security Use of Photographic Equipment at DuPont Locations Policy" (07/2011)	DuPont	0910-0001 - 0910-0003		
911	Document entitled "Take a Security Pause" (09/2008)	DuPont	0911-0001 - 0911-0009		
912	Document entitled "DISO Policies Refresher" (03/2008)	DuPont	0912-0001 - 0912-0014		
913	Document entitled "Protect DuPont Trade Secrets and Proprietary Information" (09/2008)	DuPont	0913-0001 - 0913-0010		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page93 of 244

914	Document entitled "Edge Moor Pigments Plt, Reaction Bldg, S-R Condenser, Proc-Serv-PPG and Inst, Process and Instr," number W596262 (03/28/1973)	DuPont	0914-0001 - 0914-0005			
915	Webpage labeled "DISO Standards"	DuPont	0915-0001 -0915-0049			
916	Collection of materials referencing Hou Shengdong, including user account information, U.S. Non-Immigrant Visa Application, and copy of passport pages		C2-000026	SVE034405		
917	Collection of materials referencing Dong Yingjie, including user account information, resumes of Dong Yingjie, correspondence to Oduca and Mr. Dong from Richard Wang, and correspondence from Dong Yingjie to Sandeep Pandekar	Rodeway Inn - Room 117	C2-000026	SVE034543		
918	Design Comparison Summary Chart		0918-0001 - 0918-0003			
919	Summary Chart of Wire Transfers into the United States		0919-0001 - 0919-0008			
920	Summary Chart of Unreported Gross Receipts		0920-0001 - 0920-0002			
921	Tax Computation Summary Chart		0921-0001 - 0921-0007			
922	Summary of U.S. to Singapore Wire Transfers		0922-0001 - 0922-0008			

Case3:11-cr-00573-JSW Documentage Filed01/06/14 Page94 of 244

923	Summary of Singapore to China Wire Transfers		0923-0001 - 0923-0002		
924	Surveillance photos taken at Rodeway Inn (07/19/2011)				
925	Collection of materials including records related to Letter of Credit number LC3981060032A	Mega International Bank	0925-0001 - 0925-0008		
926	Collection of materials including records related to Letter of Credit number LC3981050197A	Mega International Bank	0926-0001 - 0926-0031		
927	Collection of materials including records related to Letter of Credit number LC571917/2009D	Mega International Bank	0927-0001 - 0927-0019		
928	Collection of materials including records related to Letter of Credit number LC3981100007AA	Mega International Bank	0928-0001 - 0928-0015		
929	Collection of materials including Attestation of Authenticity of Official Records (12/19/2013) and records related to Huadong Equipment and Services Pte. Ltd.	Singapore	0929-0001 - 0929-0051		
930	Attestation of Authenticity of Official Records (12/19/2013) by Lin Siew King of Casey Lin and Company	Singapore	0930-0001		
931	Collection of materials including records related to Lawrence Process Engineers Pte. Ltd.	Singapore	0931-0001 - 0931-0052		

Case3:11-cr-00573-JSW D9GHTMHBI4661 Filed01/06/14 Page95 of 244

932	Collection of materials including records related to Huan Qu Process Equipment Pte. Ltd.	Singapore	0932-0001 - 0932-0059				
933	Collection of materials including records related to Dongbei Process Engineering Pte. Ltd.	Singapore	0933-0001 - 0933-0057				
934	Bank of East Asia visit records for account number 360000006	Bank of East Asia	GJSUB-010-0102 - GJSUB- 010-0106				
1000	Seagate hard drive L1CC1 Server	USAPTI Office		SVE034297			
1001	ND MDD 5 GWD0404			GVF004000			
1001	WD HDD from SVE034294	Bank of East Asia Safe Deposit Box		SVE034332			
1002	Letter from Robert Maegerle to Dennis Dakin	Maegerle Residence		1B001_LTR_FRM_MAEGER LE_TO_DAKIN_DUPONT_5 1996_00001.pdf			
1003	Letter from Robert Maegerle to Drew (A.C. McCullin, DuPont)	Maegerle	WL00000003				
1004	Letter from Fred Arbogast to Michael Marinak	Liew Residence		H16_WHITE_BINDER_0005 1.pdf			
1006	Metadata for On legal issue with DuPont[39049].doc	Bank of East Asia Safe Deposit Box; SVE034332					
1008	Letter from W. Liew to Roger on legal issues	USAPTI Office; sve034309		4182896_sve034309: Maxtor hard drive L1LC2H2_Explanation to Roger on Legal issues.doc			
	1	1	1		1	1	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page96 of 244

1009	Metadata for Explanation to Roger on Legal issues[4182896].doc	USAPTI Office; sve034309		
1010	837526_SVE034221 (Safety Deposox WD Hard Drive)_Explanation to Roger on Legal issues.doc	Bank of East Asia Safe Deposit Box; SVE034332	837526_SVE034221 (Safety Deposox WD Hard Drive)_Explanation to Roger on Legal issues.doc	
1011	 星国务院[1717672].doc		呈国务院[1717672].doc	
1012	Translation of 呈国务院[1717672].doc		Translation of 呈国务院[1717672].doc	
1013	Metadata for 呈国务院[1717672].doc		Metadata for 呈国务院[1717672].doc	
1014	Doc titled "Design Basis, Assumptions, Clarifications & Chemistry"	USAPTI Office; sve034309	TiO2 Design Basis.doc	
1015	Metadata for TiO2 Design Basis.doc	USAPTI Office; sve034309		
1016	Selling, Obtaining & Owning technology	Liew Residence; sve034329	86148_sve034329 (Orinda: Hard drive - Western Digital Caviar 26400)_Carved [71043584].doc	
1017	February 5, 2004 Email from W. Liew to R. Maegerle re Info on China project	Maegerle Residence	2/5/2004 waltliew_comcast Info on China project[3005547].htm	
1018	Metadata sheet #1 for 840521_SVE034332 (Safety Deposit Box WD Hard Drive)re TiO2.	Bank of East Asia Safe Deposit Box; SVE034332	840521_SVE034332 (Safety Deposit Box WD Hard Drive)re 2.pdf	

Case3:11-cr-00573-JSW D9GHTRHBI4661 Filed01/06/14 Page97 of 244

1019	Metadata sheet # 2 for 840521_SVE034332	Bank of East Asia		840521_SVE034332 (Safety		
	(Safety Deposit Box WD Hard Drive)re	Safe Deposit Box;		Deposit Box WD Hard		
	TiO2.	SVE034332		Drive)re 3.pdf		
	1102.	B 1 E03 1332		5.par		
1020	Metadata for TiO2 Letter Final Oct 11 2004	Bank of East Asia		Metadata for TiO2 Letter Final		
1020	Wictadata for 1102 Exter Final Oct 11 2004					
		Safe Deposit Box;		Oct 11 2004[758171].doc		
		SVE034332				
1021	Oct. 11, 2004 Email from Walter Liew's Yahoo	Yahoo! Email	C2-000005-KVN.00006107			
	account to Wei Wang					
1022	寒暄 Attachment to Oct. 11, 2004 Email from	Yahoo! Email	C2-000005-KVN.00006108 -			
1022		1 anoo: Eman				
	Walter Liew's Yahoo account to Wei Wang		C2-000005-KVN.00006118			
1023	Translation of 寒暄 attachment to Oct. 11,	Yahoo! Email				
	2004 Email from Walter Liew's Yahoo account					
	to Wei Wang					
	· · · · · · · · · · · · · · · · · · ·					
1024	Aug. 21, 2004 email from Wang Wei to W. Liew	Yahoo! Email				
	re 修正					
	IC POL					
1025	Translation of Aug. 21, 2004 email from Wang	Yahoo! Email				
1023	Translation of Aug. 21, 2004 email from wang	i alloo: Elliali				
	Wei to W. Liew re 修正 ("revision")					
1026	Oct. 10, 2004 4:37 pm Email from W. Liew to	Yahoo! Email				
	Changhe Liu					
1027	Letter to Liu Chang He on TiO2 2nd	Yahoo! Email				
	Version.doc (attachment to Oct. 10, 2004 4:37					
	PM Email from W. Liew to Changhe Liu)					
	r in Email from w. Liew to Changne Litt)					
			ļ			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page98 of 244

1028	Translation of Letter to Liu Chang He on TiO2 2nd Version.doc (attachment to Oct. 10, 2004 Email from W. Liew to Changhe Liu)	Yahoo! Email				
1029	Oct. 8, 2004 Email from W. Liew to Changheliu2000@163.com.cn	Yahoo! Email	C2-000005-KVN.00006054			
1030	Letter to Liu Chang He on TiO2 Oct 7 2004.doc (attachment to Oct. 8, 2004 Email from W. Liew to Changheliu2000@163.com.cn)		C2-000005-KVN.00006055 - C2-000005-KVN.00006069			
1031	Translation of letter to Liu Chang He on TiO2 Oct 7 2004.doc (attachment to Oct. 8, 2004 Email from W. Liew to Changheliu2000@163.com.cn)	Yahoo! Email				
1032	Oct. 7, 2004 Email from W. Liew to Changheliu2000@163.com	Yahoo! Email	C2-000005-KVN.00006034			
1033	Letter to Liu Chang He on TiO2 Oct 7 2004.doc (attachment to Oct. 7, 2004 Email from W. Liew to Changheliu2000@163.com)		C2-000005-KVN.00006035 - C2-000005-KVN.00006049			
1034	Translation of letter to Liu Chang He on TiO2 Oct 7 2004.doc (attachment to Oct. 7, 2004 Email from W. Liew to Changheliu2000@163.com)	Yahoo! Email				
1035	White notebook	USAPTI Office		O32_DOT_WHITE_TAB_000 01.pdf		
1036	Translation of white notebook	USAPTI Office		O32_DOT_White_Tab_00001 .OR.docx.pdf		
1037	给周家琮的报告 TiO2[4191528].doc	Liew Residence or USAPTI Office		给周家琮的报告 TiO2[4191528].doc		

Case3:11-cr-00573-JSW D96ម្រាក់ពីទី1 Filed01/06/14 Page99 of 244

Translation of 4182976_sve034309_ Maxtor ard drive L1LC2H2_Meet with Luo Gan.pdf Metadata for 4182976_sve034309_ Maxtor hard rive L1LC2H2_Meet with Luo Gan.doc	USAPTI Office; sve034309 USAPTI Office; sve034309 USAPTI Office; sve034309	4182976_sve034309_ Maxtor hard drive L1LC2H2_Meet with Luo Gan.pdf Translation of 4182976_sve034309_ Maxtor hard drive L1LC2H2_Meet with Luo Gan.pdf Metadata for 4182976_sve034309_ Maxtor 4182976_sve034309_ Maxtor			
ard drive L1LC2H2_Meet with Luo Gan.pdf Metadata for 4182976_sve034309_ Maxtor hard rive L1LC2H2_Meet with Luo Gan.doc	sve034309 USAPTI Office;	4182976_sve034309_ Maxtor hard drive L1LC2H2_Meet with Luo Gan.pdf Metadata for 4182976_sve034309_ Maxtor			
rive L1LC2H2_Meet with Luo Gan.doc		4182976_sve034309_ Maxtor			
Metadata Sheet # 1 for 838602		hard drive L1LC2H2_Meet with Luo Gan.doc			
	Bank of East Asia Safe Deposit Box; SVE034332	838602_SVE034332 (Safety Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata_Summary. pdf			
	Bank of East Asia Safe Deposit Box; SVE034332	838602_SVE034332 (Safety Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata.pdf			
5	Liew Residence or USAPTI Office	Zhou Jia Cong Revised Version Aug 19 2004 My Fonts[4191534].doc			
ranslation of Zhou Jia Cong Revised Version aug 19 2004 My Fonts[4191534].doc	Liew Residence or USAPTI Office	Translation of Zhou Jia Cong Revised Version Aug 19 2004 My Fonts[4191534].doc			
etter to Liu Chang He on TiO2 2nd /ersion[195151].doc	Liew Residence or USAPTI Office	Letter to Liu Chang He on TiO2 2nd Version[195151].doc			
ranslation of Letter to Liu Chang He on TiO2 nd Version[195151].doc	Liew Residence or USAPTI Office	Translation of Letter to Liu Chang He on TiO2 2nd Version[195151].doc			
The Charles	ou Jia Cong Revised Version Aug 19 2004 y Fonts[4191534].doc anslation of Zhou Jia Cong Revised Version ug 19 2004 My Fonts[4191534].doc tter to Liu Chang He on TiO2 2nd rrsion[195151].doc	Safe Deposit Box; SVE034332 Bank of East Asia Safe Deposit Box; SVE034332 ou Jia Cong Revised Version Aug 19 2004 y Fonts[4191534].doc Liew Residence or USAPTI Office anslation of Zhou Jia Cong Revised Version ug 19 2004 My Fonts[4191534].doc Liew Residence or USAPTI Office tter to Liu Chang He on TiO2 2nd rrsion[195151].doc Liew Residence or USAPTI Office Liew Residence or USAPTI Office	Safe Deposit Box; SVE034332 Bank of East Asia Safe Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata_Summary. pdf Bank of East Asia Safe Deposit Box; SVE034332 Bank of East Asia Safe Deposit Box; SVE034332 Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata_Summary. Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata.pdf Version Aug 19 2004 My Fonts[4191534].doc Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata.pdf Deposit Box WD Ha	Safe Deposit Box; SVE034332 Bank of East Asia Safe Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata.pdf Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata.Summary. Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata_Summary. Deposit Box WD Hard Drive)_Meet with Luo	Safe Deposit Box; SVE034332 Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata_Summary. pdf Bank of East Asia Safe Deposit Box; SVE034332 Bank of East Asia Safe Deposit Box; SVE034332 Deposit Box WD Hard Drive)_Meet with Luo Gan.doc_Metadata_pdf Drive)_Meet with Luo Gan.doc_Metadata.pdf Drive)_Meet with Luo Gan.doc_Metadata_Summary. pdf Drive)_Meet with Luo Gan.doc_Metadata.pdf Drive)_Meet wi

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page100 of 244

1048	Letter to Liu Chang He on TiO2 Oct 04 Version 2[4183302].doc	Liew Residence or USAPTI Office		Letter to Liu Chang He on TiO2 Oct 04 Version 2[4183302].doc		
1049	Translation of Letter to Liu Chang He on TiO2 Oct 04 Version 2[4183302].doc	Liew Residence or USAPTI Office		Translation of Letter to Liu Chang He on TiO2 Oct 04 Version 2[4183302].doc		
1050	FBI Memo re meeting with DuPont DTT representatives	FBI	PTI-002399 - PTI-002408			
1051	Letter from Gregory Feulner (DuPont Legal) to USAPTI CEO; DuPont presentation re USAPTI website	Dupont	DUP 0002116; DUP 0002109 - DUP 0002115			
1052	Mandarin document re A Progress Report on the Projects of Panjin Titanium Industry Company			关于攀锦钛业公司工程情况 汇报07106A[208413].doc		
1053	Translation of Mandarin document re A Progress Report on the Projects of Panjin Titanium Industry Company			Translation of 关于攀锦钛业公司工程情况 汇报07106A[208413].doc		
1054	August 20 2004 Email from Wang Wei to W. Liew	Yahoo! Email	C2-000005-KVN.00012393			
1055	Translation of August 20 2004 Email from Wang Wei to W. Liew	Yahoo! Email				
1056	11:16 PM Oct. 10, 2004 Email from Changheliu2000 to W. Liew	Yahoo! Email				

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page101 of 244

1057	Translation of 11:16 PM Oct. 10, 2004 Email	Yahoo! Email				
1037	from Changheliu2000 to W. Liew	1 anoo: Eman				
1050	A	W. 1 E	C2 000005 IVIN 00004502			
1058	Attachment to 11:16 PM Oct. 10, 2004 Email from Changhe Liu to W. Liew	Yahoo! Email	C2.000005-KVN.00004582			
1059	Translation of Attachment to 11:16 PM Oct. 10, 2004 Email from Changhe Liu to W. Liew	Yahoo! Email				
1060	August 14, 2004 Email from W. Liew to Wang Wei	Yahoo! Email	C2-00005-KVN.00005984			
	Wei					
1061		Yahoo! Email				
	Liew to Wang Wei					
1062	Translation of attachment to August 14, 2004	Yahoo! Email				
	Email from W. Liew to Wang Wei					
1063	Maxtor hard drive L1LC2H2 from Oakland site	USAPTI Office		SVE034309		
1064	Sept 23, 1996 Arbogast letter to R. Maegerle;	Maegerle Residence	1B031-			
	January 8, 1999 Fax from R. Maegerle to Blumberg at Ambar, Inc.		AMBAR_CORP_CONDUX- 000004 - 1B031-			
	Dramoerg at 1 miour, mor		AMBAR_CORP_CONDUX-			
1065	Letter from Walter Liew to Fred Arbogast	Maegerle Residence	000007	1B026_FAXES_TO_00009.pd		
1000	regarding Aug 25, 1997 Technology Package			f		
	Consulation & Review for LH Performance					

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page102 of 244

1066	Pages from Condux Technology Package Consultation Proposal to LH Performance	Maegerle Residence		1B026_FAXES_TO_00010.pd f		
1067	Attachment 2 - Content of Technology Package list of Deliverables, with handwritten notes	Maegerle Residence		1B031_AMBAR_CORP_CO NDUX_00002.pdf		
1068	Jul. 15, 1997 Letter from Arbogast to Marinak	Liew Residence	H16-WHITE_BINDER- 000199			
1069	Jul. 16, 1997 Letter from Arbogast to Marinak	Liew Residence	H16-WHITE_BINDER- 000200			
1070	Aug. 6, 1997 Letter from Arbogast to W. Liew attaching Consulting Services Agreement	Liew Residence	H16-WHITE_BINDER- 000194 - H16- WHITE_BINDER-000197			
1071	Aug 25, 1997 Fax from Arbogast to W. Liew attaching proposal	Liew Residence	H16-WHITE_BINDER- 000189 - H16- WHITE_BINDER-000193			
1072	Aug 30, 1997 Letter from R. Maegerle to W. Liew providing additional information	Liew Residence		H6_MISC_00013.pdf		
1073	Sept. 11, 1997 Email from Fred Arbogast to W. Liew re TiO2 Project - Bob Maegerle	Bank of East Asia Safe Deposit Box; SVE034332		fred_on_Bob.txt		
1074	September 17, 1997 Letter from Daniel McIntosh to W. Liew	Liew Residence	H16-WHITE_BINDER- 000029 - H16- WHITE_BINDER-000031			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page103 of 244

1075	Fax from Fred Arbogast to Bob Maegerle	Maegerle Residence	1B026-EXP_TIME-000100			
1076	Condux Statement re consultation to LH Performance, Inc. re TiO2 plant project - China	Maegerle Residence	1B026-EXP_TIME-000122			
1077	April 28, 2006 Email from Boyd Sorenson to W.	Vahoo! Email	C2-000091.00023650 - C2-			
1077	Liew re CECON	Tanoo. Eman	000091.00023653			
1078	March 19, 2007 Email from W. Liew to Fred	Yahoo! Email	C2-000091.00006850			
	Arbogast re Hello from SF					
1079	Resume for Daniel McIntosh, P.E.	Liew Residence	H23-MISC_2-000021 - H23- MISC_2-000022			
1080	About CONDUX webpage	USAPTI Office;		CONDUX1.HTM		
1000	The control of the copage	sve034309				
1081	March 11, 2006 Email from M. David	Yahoo! Email		369939_Yahoo (Yahoo Mail) Search_entry		
	Rosenberg to Bob Maegerle re CECON Job Number 2779			#462617313_Email Atta.pdf		
1082	Jan. 8, 1999 Facsimile Transmittal from Bob Maegerle to Jerry Blumberg	Maegerle Residence		1B031_AMBAR_CORP_CO NDUX_00006.pdf		
1083	FLOW SHEET EK2411	Able-Baker	C2-000856			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page104 of 244

1084	W1245258 Edge Moor Plant Oxidation W/RPS System Drawing	Able-Baker	C2-000855			
1085	pictures 30 MT_0010; 30 MT_0011; 30 MT_0017; 85 MT_0003	Able-Baker	C2-000857 - C2-00860			
1086	picture 30 MT_0010			30 MT_0010[4089059].jpg		
1005						
1087	picture 30 MT_0011			30 MT_0011[4089060].jpg		
1088	picture 30 MT_0017			30 MT_0017[4089066],jpg		
1089	picture 85 MT_0003			85 MT_0003[4089089].jpg		
1090	July 14, 2008 Email and attachments from Brijesh Bhatnagar to Able-Baker, W. Liew, and R. Maegerle re RER101 - Vanadiu Analyzer	Yahoo! Email	C2-000006.00001733 - C2- 000006.00001747			
1091	June 28, 2008 Email and attachments from Able Baker to W. Liew, R. Maegerle, and B. Bhatnagar re TiCl4 Pressure and differential pressure transmitters with seals	- Yahoo! Email	C2-000006.00001516 - C2- 000006.00001523			
1092	July 18, 2008 Email and attachment from Bill Hensiek to W. Liew, B. Bhatnagar, and R. Maegerle re Purge Type Rotameters Flow Information	Yahoo! Email	C2-000006.00001841 - C2- 000006.00001844			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page105 of 244

1093	July 18, 2008 Email and attachment from B. Bhatnagar to Wendell Baker, W. Liew, and R. Maegerle re Oxidation P&ID	Yahoo! Email	C2-00006.00001824 - C2- 000006.00001839		
1094	September 22, 2008 Email from R. Maegerle to Wendell Baker and Stephen Amerine re P&ID Questions	Liew Residence	H9-DRAWINGS-000035 - H9-DRAWINGS-000036		
1095	Qualifications Refinery & Chemical Systems from Able-Baker Automation, Inc.	Maegerle Residence	1B026- TIO2_BACKGROUND- 000051 - 1B026- TIO2_BACKGROUND- 000069		
1096	July 1, 2008 Email and attachments from Able-Baker to Roz Young	Yahoo! Email	C2-000006.00001550 - C2- 000006.00001600		
1097	July 11, 2008 Email from W. Liew to Able-Baker	Yahoo! Email	C2-000006.00001691 - C2- 000006.00001722		
1098	July 11, 2008 Email from Wendell Baker to W. Liew re RER102 - Oxidation	Yahoo! Email	C2-00006.00001723 - C2- 000006.00001724		
1099	July 12, 2008 Email and attachment from Able-Baker to B. Bhatnagar, R. Maegerle, W. Liew re PER101 - Level transmitters - bubbler	Yahoo! Email	C2-000006.00001725 - C2- 000006.00001728		
1100	July 14, 2008 Email and attachments from B. Bhatnagar to W. Baker and W. Liew re PER101 TiCl Level Instruments for Tank Farm	Yahoo! Email	C2-00006.00001750 - C2- 000006.00001751		
1101	July 17, 2008 Email from Able-Baker to Able-Baker, W. Liew, R. Maegerle, B. Bhatnagar re PER101 - FIT- Vortex Sizing	Yahoo! Email	C2-000006.00001817		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page106 of 244

1102	July 17, 2008 Email from Bill Hensiek to W. Liew, B. Bhatnagar, R. Maegerle, R. Young re Magmeter and Mass Flow Meter Instrument Specification and attachment	Yahoo! Email	C2-000006.00001818 - C2- 000006.00001823		
1103	July 25, 2008 Email and attachment from B. Hensiek to R. Young, W. Liew, R. Maegerle, and B. Bhatnagar re PER101-FIT vortex Instrument Specification	Yahoo! Email	C2-000006.00001917 - C2- 000006.00001944		
1104	July 31, 2008 Email from Able-Baker to R. Maegerle re Specific Gravity at Quench Tank	Yahoo! Email	C2-00006.00001995 - C2- 000006.00001996		
1105	Aug. 1, 2008 Email from B. Hensiek to B. Bhatnagar, W. Liew, and R. Maegerle re Tank Low Level Measurement	Yahoo! Email	C2-000006.00002022		
1106	Aug. 10, 2008 Email and Attachment from B. Hensiek to W. Liew, B. Bhatnagar, and R. Maegerle re Quench Tank Discharge Nozzle Size Question	Yahoo! Email	C2-00006.00002139 - C2- 000006.00002140		
1107	Aug. 10, 2008 Email from W. Liew to B. Hensiek re PER101-IS-030 LIT with dp	Yahoo! Email	C2-000006.00002141		
1108	Aug. 10, 2008 Email and attachment from W. Liew to Able Baker re PER101 - Coke Dust Area	Yahoo! Email	C2-000006.00002294 - C2- 000006.00002324		
1109	Sept. 2, 2008 Email from W. Liew to Able Baker re pH at Blend Tank	Yahoo! Email	C2-00006.00002378 - C2- 000006.00002379		
1110	Sept. 4, 2008 Email from Able Baker to R. Maegerle, B. Bhatnagar, and W. Liew re Jinzhou Oxid / Fin Diagrams	Yahoo! Email	C2-000006.00002470		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page107 of 244

1111	Oct. 18, 2008 Email and attachment from Able-Baker to W. Liew, S. Amerine, B. Bhatnagar, and R. Maegerle re PER102 - LIT dispalcer Info	Yahoo! Email	C2-000006.00003649 - C2- 000006.00003650			
1112	Oct. 18, 2008 Email from R. Maegerle to W. Liew and B. Bhatnagar re 100K Oxidation Reactor	Yahoo! Email	C2-000006.00003651			
1113	Jan. 12, 2006 Letter from Ventilex to E. Nelson re Fluid bed dryer/coller for coke	Liew Residence; sve034409		391429_sve034409 (Orinda HP Pavilion 2500 Laptop)_P9056A Wescon_Zisko(USA)		
1114	ESI Statement of Qualifications	Liew Residence: sve034329		30645_sve034329 (Orinda Hard drive - Western Digital Caviar .pdf		
1115	March 8, 1995 Facsimile from M. Marinak to W. Liew	Liew Residence	C2-001262 - C2-001266			
1116	March 28, 1996 Facsimile from M. Marinak to W. Liew	Liew Residence	C2-001267 - C2-001273			
1117	Feb. 29, 1996 Facsimile from M. Marinak to W. Liew	Liew Residence	C2-001274			
1118	Aug. 28, 1995 Letter from M. Marinak to Dave Mechler	Liew Residence	C2-001275 - C2-001276			
1119	ESI Cyclone CY-1 Detail	Liew Residence	C2-001277			
1120	Misc. Marinak documents July 14, 1997 Letter from F. Arbogast to M. Marinak re Robert Maegerle and Juergen Braun	Liew Residence Liew Residence	C2-001278 - C2-001286 C2-001319			
1122	July 16, 1997 Letter from F. Arbogast to M. Marinak re Dan McIntosh	Liew Residence	C2-001320			
1123	Aug. 25, 1997 Facsimile from Arbogast to W. Liew re attached proposal	Liew Residence	C2-001321 - C2-001325			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page108 of 244

	G . 42 4005 F . 11 6 . 4 1		12 00100F G2 00100 f	
1124	Sept. 12, 1997 Facsimile from Arbogast to W. Liew re consultant resumes	Liew Residence	'2-001327 - C2-001336	
1125	N. 2 1000 F		22 001000 (22 001000	
1125	Nov. 2, 1998 Facsimile from R. Maegerle to W. Liew re TiO2 Prelminary Project Schedule	Liew Residence	22-001338 - C2-001339	
1126	Oct. 3, 1997 Letter from W. Liew to R. Maegerle re meeting	Liew Residence	'2-001364 - C2-001365	
1127	July 16, 1997 Letter from Marinak to Maegerle re review of TiO2 Process	Maegerle Residence	22-001344	
1128	Sept. 8, 1997 Facsimile from M. Marinak to W. Liew re comments	Liew Residence	22-001350 - C2-001356	
1129	Sept. 10, 1007 Letter from W. Liew to D. McIntosh re package	Maegerle Residence	22-001357 - C2-001363	
1130	Red Binder	W. Liew Binders	VL_Notebooks 0156 -	
		Received by KVN from C. Liew	VL_Notebooks 0251	
1131	3" White Binder	W. Liew Binders	VL_Notebooks 0383 -	
1131	3 white Billider	Received by KVN from C. Liew	VL_Notebooks 0780	
1132	Loose Papers	W. Liew Binders Received by KVN from C. Liew	VL_Notebooks 0072 - VL_Notebooks 0157	
1133	Gray Binder	W. Liew Binders Received by KVN from C. Liew	VL_Notebooks 0001 - VL_Notebooks 0071	
	1	1		

Case3:11-cr-00573-JSW Dogwinent661 Filed01/06/14 Page109 of 244

1134	1.5" White Binder	W. Liew Binders Received by KVN	WL_Notebooks 0252 - WL_Notebooks 0382		
		from C. Liew	WE_NOICOOOKS 0302		
1135	Feb 10, 2009 Draft agreement between	Yahoo! Email	C2-000091.00041038 - C2-		
	Performance Group and Britway Technology		000091.00041039		
1136	Sep 10, 2009 Draft agreement between	Yahoo! Email	C2-000091.00044288		
	Performance Group and Upsky International				
1137	Dec 14, 2009 Annex 2 to Agreement No.	Bank of East Asia	B1-EAST_ASIA_BANK-		
	AUPSPGI0902 between Performance Group and Upsky International	Safe Deposit Box	000058 - B1- EAST_ASIA_BANK-		
	and Opsky international		000063		
1138	McIntosh Agreement	Liew Residence	H29-ITEM_19-000130 -		
			H29-ITEM_19-000131		
1139	June 22, 2005 Email from Connie Hubbard re	Dupont	C2-000031 - C2-000034		
	Cristal's Intentions re KMG and ex-DTT				
	employees, Cristal's Improvements, etc. This is a "Must Read"				
	- Trade Treat				
1140	"Ohio Excellence" article from Cristal Globe	USAPTI Office	O43-BLACK_BINDER-		
			000041 - O43-		
			BLACK_BINDER-000044		
1141	Handwritten note from Maegerle attaching	USAPTI Office	O38-MISC_1-000001-4		
	article on plant				
1142	Bankruptcy File from Paul Liu	Paul Liu			
11.2	preg 1 no nom 1 au 12nu				

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page110 of 244

1143	Nov 28, 2008 Stantec Invoice	Liew Residence; H14				
1144	Nov 25, 2008 Stantec Summons	Liew Residence; H14				
1145	Nov 22, 2008 Correspondence and invoice from the Law Offices of Michael Brooks Carroll	Liew Residence; H14				
1146	Jan 8, 2009 Check from C. Liew to Paul Liu	Paul Liu				
1147	Performance Group (USA) Inc. Bank of America Statement	Bank of America	GJSUB-007-0126			
1148	Jan. 19, 2004 Letter from Li Yong Hong to W. Liew	Maegerle Residence	1B026-OFFICE_EXPENSE- 000098 - 1B026- OFFICE_EXPENSE-000099			
1149	Mandarin document re Business Letter Regarding Cooperation with TZMI Consulting Company			关于与TZMI咨询公司合作的函(矿资源)[27456]		
1150	FBI Translation of Mandarin document re Business Letter Regarding Cooperation with TZMI Consulting Company			FBI Translation of 关于与TZMI咨询公司合作的 函(矿资源)[27456]		
1151	Mandarin document re Proposal Regarding TZMI's Concepts of Collaboration Related to Pangang's Titanium Chloride			关于与TZMI就攀钢氯化钛 白的合作思路建议[139851]. doc		
1152	FBI Translation of Mandarin document re Proposal Regarding TZMI's Concepts of Collaboration Related to Pangang's Titanium Chloride			Translation of 关于与TZMI就攀钢氯化钛 白的合作思路建议[139851]. doc		
1153	Mandarin document re Proposal of Collaboration with TZMI in the Project of Titanium Dioxide Chloride			关于与TZMI就氯化钛白项目 合作的建议[139852].doc		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page111 of 244

1154	FBI Translation re Mandarin document re Proposal of Collaboration with TZMI in the Project of Titanium Dioxide Chloride		关于	slation of 与TZMI就氯化钛白项目 的建议[139852].doc		
1155	Mandarin document re TZPI letter to Pangang		TZPI .pdf	- 2009 - 07 - 07[20258]		
1156	FBI Translation of Mandarin document re TZPI letter to Pangang		Trans	slation of - 2009 - 07 - 07[20258]		
1157	Mandarin document re Work Summary of the Proposed 15K Tons Post-Processing Technology Exchange with TZPI			CPI公司进行新建1[1660 oc		
1158	Mandarin Translation re Mandarin document re Work Summary of the Proposed 15K Tons Post- Processing Technology Exchange with TZPI			slation of PI公司进行新建1[1660 oc		
1159	Mandarin document re A Communication Letter Concerning Authorization for Launching Technical Consultations on BI of the 100Kt/a Titanium Chloride Project at Pangang Group Titanium Industry Company, Ltd.		t氯化	成都西联化工公司100K 、钛白BI设计审查委托[2 1].doc		
1160	FBI Translation re Mandarin document re A Communication Letter Concerning Authorization for Launching Technical Consultations on BI of the 100Kt/a Titanium Chloride Project at Pangang Group Titanium Industry Company, Ltd.		兰与 t氯化	slation re 成都西联化工公司100K 钛白BI设计审查委托[2 1].doc		
1161	Mandarin document re Communication Letter Concerning Authorization for Launching Technical Consultations on BI of the 100Kt/a Titanium Chloride Project at Pangang Group Titanium Industry Company, Ltd.		t氯化	成都西联化工公司100K 、钛白BI设计审查委托[2 1].doc		
1162	FBI Translation of Mandarin document re Communication Letter Concerning Authorization for Launching Technical Consultations on BI of the 100Kt/a Titanium Chloride Project at Pangang Group Titanium Industry Company, Ltd.		兰与 t氯化	slation of 成都西联化工公司100K .钛白BI设计审查委托[2 1].doc		
1163	Mandarin document re Summary of Technology	Rodeway Inn; Room 117: sve034405		42_sve034405_ IBM wo laptop.pdf		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page112 of 244

1164	FBI Translation of Mandarin document re Summary of Technology Exchange between Pangang's 100,000 tons of blistering Titanium Dioxide by Chlorination and the Cierra Technology Inc. in Beijing	Rodeway Inn; Room 117: sve034405	1	Franslation of 41542_sve034405_ IBM _enovo laptop.pdf		
1165	Oxidation Reactor X200-5	Maegerle Residence	fi p C r C	Group AE-Exhibit exported files with file bath\[root][4120007]\Jinzhou Dxidation Drawings for Bob to review[4120115]\AlCl3 and Dxidation Reactor design drawings[4120204]\Oxidation Reactor X200-5[4120249].pdf		
1166	Translation of Oxidation Reactor X200-5	Maegerle Residence	E p C rr C	Translation of Group AE- Exhibit exported files with file bath\[root][4120007]\Jinzhou Oxidation Drawings for Bob to review[4120115]\AlCl3 and Oxidation Reactor design Irawings[4120204]\Oxidation Reactor X200-5[4120249].pdf		
1167	July 2005 Oxidation Reactor X200-5-2	Maegerle Residence	fi p C r C d d	Group AE-Exhibit exported files with file path\[root][4120007]\Jinzhou Dxidation Drawings for Bob to review[4120115]\AlCl3 and Dxidation Reactor design drawings[4120204]\Oxidation Reactor X200-5-2[4120245].pdf		
1168	Translation of July 2005 Oxidation Reactor X200-5-2	Maegerle Residence	E p C rr C d	Franslation of Group AE- Exhibit exported files with file bath\[root][4120007]\Jinzhou Dxidation Drawings for Bob to review[4120115]\AlCl3 and Dxidation Reactor design drawings[4120204]\Oxidation Reactor X200-5- 2[4120245].pdf		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page113 of 244

1169	Oxidation Reactor X200-11	Maegerle Residence	files path\ Oxid revie Oxid draw Reac	up AE-Exhibit exported s with file with file victorial for the wide of the wid		
1170	Translation of Oxidation Reactor X200-11	Maegerle Residence	Exhii path\ Oxid revie Oxid draw Reac	nslation of Group AE- ibit exported files with file \[root][4120007]\Jinzhou dation Drawings for Bob to ew[4120115]\AlCl3 and dation Reactor design wings[4120204]\Oxidation ctor X200- 4120231].pdf		
1171	July 2005 Oxidation Reactor X200-1	Maegerle Residence	files path\ Oxid revie Oxid draw	up AE-Exhibit exported s with file al[root][4120007] Uinzhou dation Drawings for Bob to ew[4120115] AICI3 and dation Reactor design wings[4120204] Oxidation ctor X200-1[4120229].pdf		
1172	July 2005 Translation of Oxidation Reactor X200-1	Maegerle Residence	Exhi path\ Oxid revie Oxid draw	nslation of Group AE- ibit exported files with file tylroot][4120007]\Jinzhou dation Drawings for Bob to ew[4120115]\AlCl3 and dation Reactor design wings[4120204]\Oxidation ctor X200-1[4120229].pdf		
1173	Zhi Hua Assessment of the Proposed TiO2 Chloride Process Flowsheet and P&ID			F核报告发送版- 中文[6318].doc		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page114 of 244

1174	Mandarin document re Cierra Response Regarding the Arrangement for the 3rd Technical Exchange	Rodeway Inn; Room 117; sve034405		9月22日第三次技术交流回 复[141472].docx		
1175	FBI Translation of Mandarin document re Cierra Response Regarding the Arrangement for the 3rd Technical Exchange	Rodeway Inn; Room 117; sve034405		Translation of 9月22日第三次技术交流回 复[141472].docx		
1176	Mandarin document re Summary of Communication with DuPont and the Performance Corporation			!~1[139516].DOC		
1177	Translation of Mandarin document re Summary of Communication with DuPont and the Performance Corporation			Translation of !~1[139516].DOC		
1178	Mandarin document re EP0128689 B1	Rodeway Inn; Room 117; sve034405		143348_sve034405_ IBM Lenovo laptop_EP0128689 B1.pdf		
1179	EP0128689B1 European Patent Specification re Iron chloride waste treatment in molten salt	European Patent Office				
1181	C1 document re Mead College Ruled Notebook	Liew Residence or USAPTI Office				
1183	Aug. 7, 2010 Anonymous letter to DuPont		PTI000608 - PTI000609			
1184	Mandarin document re Departments and Attendees for Meeting with DuPont in Chengdu on May 6th			![139518].DOC		
1185	FBI Translation of Mandarin document re Departments and Attendees for Meeting with DuPont in Chengdu on May 6th			Translation of ![139518].DOC		
1186	Mandarin document re communication to Manager Hou			!¡~1[139529].DOC		
1187	FBI Translation of Mandarin document re communication to Manager Hou			Translation of !¡~1[139529].DOC		
1188	Letter from Performance Group to PIETC re Shipment of Equipment					
1189	Mandarin document re Sept. 2009 Meeting Summary			成都交流体会- 孙永泽[150913].doc		
1190	Translation of Mandarin document re Sept. 2009 Meeting Summary			Group I Foreign Entity [150913].OR.doc		
1191	Mandarin document re Thoughts on the Next Steps in the Titanium White by Chlorination Project	Rodeway Inn; Room 117; sve034405		氯化钛白项目下一步工作的 思考(给杨总) [139386].doc		
1192	FBI Translation of Mandarin document re Thoughts on the Next Steps in the Titanium White by Chlorination Project	Rodeway Inn; Room 117; sve034405		Group I_Finance_Thoughts on next step in titanium white by chlorination (for YANG) [139386].OR.docx		
1193	Mandarin document re BI Review and Exchange Meeting			成都交流体会,许金玲[1509 14].doc		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page115 of 244

1194	FBI Translation of Translation of Mandarin document re Thoughts on the Next Steps in the Titanium White by Chlorination Project			Translation of 成都交流体会,许金玲[1509 14].doc		
1197	Mandarin document re Report on the Exchange with Retired DuPont Engineer Dr. Zhao et al.	Rodeway Inn; Room 117: sve034263		与杜邦退休工程师赵博士等 交流总结[22848].doc		
1198	FBI Translation of Mandarin document re Report on the Exchange with Retired DuPont Engineer Dr. Zhao et al.	Rodeway Inn; Room 117: sve034263		Group Z_Finance_Report of exchange Sept. 2003 with Dr. ZHAO et al retired engineers from DuPont [22848]		
1199	Agenda for the Board Meeting in Chengdu March 2009	Rodeway Inn: Room 117: SVE034262				
1200	Mandarin document re Discussion Topics for Communicating with Zhihua and Xilian Chemical			设备[217705].doc		
1201	FBI Translation of Discussion Topics for Communicating with Zhihua and Xilian Chemical			Translation of 设备[217705].doc		
1202	PIETC contract Agreement re changing Enduser of contract 100K	Yahoo! Email	C2-000091.00078916			
1203	2007.12.30 30,000 Contract in Mandarin	Liew Residence or USAPTI Office	B1_PJTY(XIN)-08-01 Contract_00004			
1204	2007.12.30 30,000 Contract Translation	Liew Residence or USAPTI Office	B1_PJTY(XIN)-08-01 Contract_00004 Translation			
1205	2005.06 60,000 proposal by Performance Group	USAPTI Office		O15_TECH_PROP_00008.pd		
1206	RFQ re Fluid-Bed Chlorination and Purification	USAPTI Office; O15				
1207	Draft contract between PIETC and Performance Group re 30,000 MTPY TiO2 Chloride Route Project	Liew Residence or USAPTI Office				
1208	Contract between PIETC and Performance Group re 30,000 MTPY TiO2 by Chloride Process	Yahoo! Email	C2-000091.00008226 - 8250			
1209	TiO2 Pigment 1993 Production Costs and Commercial Costs	Liew Residence	H16- FED_EX_ENVELOPE_1- 000015- H16- FED_EX_ENVELOPE_1- 000075			
1210	Ti02 Pigment Costs; IBMA 1996 Report extract	Liew Residence	H16- FED_EX_ENVELOPE_1- 00002 - 14			
1211	Mathematical Modeling of Fluidized-Bed Chlorination of Rutile	USAPTI documents received by KVN from C. Liew				

Case3:11-cr-00573-JSW Dogwier ក្រុំត្រូវ Filed01/06/14 Page116 of 244

1212	Microstructural Changes in Several Titaniferous Materials during Chlorination Reaction	USAPTI documents received by KVN from C. Liew				
1213	Fluidized Bed Chlorination of several Titaniferous MaterialsKinetics, Morphological changes and Mathematical Modeling	USAPTI documents received by KVN from C. Liew				
1214	Modeling the chloride Process for Titanium Dioxide Synthesis	USAPTI Office: SVE034297: Data\TiCl4 and TiO2 Library\Modeling of TiO2 and TiCl4				
1215	Cambridge Centre for Computational Chemical Engineering: First Principles Thermochemistry of the production of Ti02 From Ticl4	USAPTI documents received by KVN from C. Liew				
1216	Technical Support Document for the Titanium Dioxide Production Sector: Proposed Rule for Mandatory Reporting of Greenhouse Gases	EPA public website				
1217	Module 13.2 The Heat Load, Heat Exchanger and Steam Load Relationship	Liew Residence				
1218		USAPTI Office				
1220	Cementation of Radioactive Waste	USAPTI Office	O10-MISC_1-000037 - O10- MISC_1-000056			
1221	Public Information available on cementation.docx	Yahoo! Email				
1222	Abstract Thesis on Ratio of Cements to Waste.pdf	Federated Search for ETD public website				
1223	Fluidized-Bed Chlorination of Oxidized Titania Slag. By Bungu Peter Ndula	USAPTI Office	O32-MISC_08-000053 - O32-MISC_08-000063			
1224	Pamphlet 9 of the Chlorine Institute	USAPTI Office: SVE034297; Data\ Reference Materials\Resources\ Chlorine				
1225	Ti-Cons Tio2 Chloride Process	Ti-Cons public website				
1226	Ti-Cons Tio2 Chloride Process 2009	Ti-Cons				
1227	The Kinetics of Carbochloination of Titania Slag		O13-MISC_08-000025 - O13-MISC_08-000026			
1228	Microstructural Changes in Several Titaniferous Materials during Chlorination Reaction	USAPTI Office	O13-MISC_08-0000071 - O13-MISC_08-0000072			
1229	Walter to Boyak re side draw metal Temp. Attaching Chlorinators Refractories	Yahoo! Email	C2-000091.00007140 - C2- 000091.00007141			
1230	Intentionally Omitted	Yahoo! Email				
	*		1	1		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page117 of 244

1231	Titanium: Its Occurrence, Chemistry, and	Cooper			
	Technology	*			
1232	Fluidized Bed Chlorination of Rutile by Glasser				
1233	Communications High Temperature Chlorination of Titanium Bearing Minerals: Part III				
1234	Website DuPont Assets Management	Dupont Surplus Asset Sales Website			
1235	Article: Sherwin Williams to build complex	Wilmington, Delaware Library			
1236	Article: Ohio firm to share DuPont Process	Wilmington, Delaware Library			
1237	Article: DuPont to build Plant for Sherwin-Williams	Wilmington, Delaware Library			
1238	Article: DuPont publication re Titanium	Hagley Digital Archives Website; Dupont March-April 1945 Magazine			
1239	Article: The last days of DuPont	Yahoo! Email; Milepost 1147.2 website			
1240	RJM Photo: Edgemoor, DE North View	Maegerle Residence			
1241	RJM Photo: Edgemoor, DE South View	Maegerle Residence			
1242	RJM Photo: Ashtabula, OH	Maegerle Residence			
1243	RJM Photo: Johnsonville, TN	Maegerle Residence			
1244	RJM Photo: Delisle , MS	Maegerle Residence			
1245	Website: DuPont Heritage Timeline	Dupont Website			
1246	Website: DuPont List of Plants	Dupont Website			
1247	Website Dyna wave wet gas scrubber	Dupont Website			
1248	Website Dyna Wave Reverse Jet Scrubber	MECS Global Website			
1249	Article: Developing Nations Key to DuPont's Future	The News Journal			
1250	Photo's of Edgemoor plant	Hagley Digital Archives Website			
1251	Article: DuPont may boost Tio2, but likely not in Delaware	The News Journal			
1252	EPA Press Release re DuPont Water Violations	EPA public website			
1253	Article: Twilight time for DuPont	Yahoo! Email; R&G Promotions			
1254	Article: DuPont Seeks to Build Chemical Plant in China	Maegerle Residence; 1B026			

Case3:11-cr-00573-JSW Dogwier 1661 Filed01/06/14 Page118 of 244

1255	Article: DuPont Needs China ok for Plant	Maegerle Residence; 1B026			
1256	Civil complaint	Yahoo! Email; Pacer	C2-000005-KVN.00010050 - C2-000005-KVN.00010054		
1257	Article: Dongying Project from DuPont Website	Dupont Website; Yahoo! Email			
1258	Article: DuPont's Tio2 Plant Still Awaiting Approval	Alibaba Website; Yahoo! Email			
1259	Article: DuPont's Tio2 Project Stuck in China	Plastic News Website			
1260	Article: DuPont China Tio2 Unit Delayed	Industrial Minerals Website; Yahoo! Email			
1261	Article: DuPont Tio2 Project in Dongying	Dupont Website; Yahoo! Email			
1262	Jul. 2, 2002 DuPont Presentation: Enhancing Pigment Performance Through Surface Treatment	Liew Residence	H29-ITEM_19-000139 - H29-ITEM_19-000150		
1263	Jul. 2, 2002 DuPont Presentation: Tio2 Surface Treatment Fundamentals	Liew Residence	H29-ITEM_19-000151 - H29-ITEM_19-000164		
1264	Oct. 2, 2002 DuPont Presentation: Optimizing Titanium Dioxide to Achieve Powder Coating Thin Film Hiding Part 4; Effect of Tio2 Particle Dispersion	Liew Residence	H29-ITEM_19-000191 - H29-ITEM_19-000195		
1265	Oct. 2, 2002 DuPont Presentation: Optimizing Titanium Dioxide to Achieve Powder Coating Thin Film Hiding Part 5; Effect of Resin Refractive Index	Liew Residence	H29-ITEM_19-000196 - H29-ITEM_19-000200		
1266	Oct. 2, 2002 DuPont Presentation: Optimizing Titanium Dioxide to Achieve Powder Coating Thin Film Hiding Part 3; Effect of Tio2 Particle Size Distribution	Liew Residence	H29-ITEM_19-000201 - H29-ITEM_19-000207		
1267	Oct. 2, 2002 DuPont Presentation: Optimizing Titanium Dioxide to Achieve Powder Coating Thin Film Hiding Part 2; Effect of Tio2 Loading	Liew Residence	H29-ITEM_19-000208 - H29-ITEM_19-000215		
1268	DuPont PPT Slides re Tio2 Surface Treatment	Liew Residence	H29-ITEM_19-000216 - H29-ITEM_19-000219		
1269	Jun. 13, 2004 DuPont Presentation: Technical Challenges for Ti02 Industry	Liew Residence	H29-ITEM_19-000225		
1270	Jul. 2, 2002 DuPont E Seminar: Surface Treatment	Liew Residence	H29-ITEM_19-000284		
1271	Oct. 2, 2002 DuPont Presentation: Optimizing Titanium Dioxide to Achieve Powder Coating Thin Film Hiding Part 1; Measuring Powder Coating Contrast Ratio	Liew Residence	H29-ITEM_19-000220 - H29-ITEM_19-000224		
1272	Sept. 6, 2005 DuPont PPT Slides re Tio2 Surface Treatment	Liew Residence	H29-ITEM_19-000216 - H29-ITEM_19-000219		
1273	Jul. 2, 2002 DuPont Presentation: Electron Microscopy of Tio2 Pigments	Liew Residence	H29-ITEM_19-000293 - H29-ITEM_19-000303		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page119 of 244

1274	Appendix F DuPont Document public document re Ticl4 Specs	The National Academies Press Website			
1275	DuPont Website: Effective Utilization of Titanium Dioxide	Dupont Website			
1276	DuPont Website: Pigment Dispersion in Liquids	Dupont Website			
1277	DuPont Website: Determination of Slurry Rheology	Dupont Website			
1278	Dec. 22, 2007 Titanium Tetrachloride Production by the Chloride Ilmenite Process	Liew Residence	H29-ITEM_19-000304 - H29-ITEM_19-000316		
1279	DuPont Presentation: Optics of Tio2	Liew Residence			
1280	Oct. 2005 Pamphlet 5 Bulk Storage of Liquid Chlorine; The Chlorine Institute	Cooper USAPTI Office; SVE034297			
1281	Jun. 4, 2007 Invoice from Craig Boyak for work on Side draw temp and Firebrick	Yahoo! Email	C2-000091.00029107		
1282	Jun, 1, 2007 Email from Craig Boyak to W. Liew re Varnon data received	Yahoo! Email	C2-000091.00029103		
1283	Aug. 9, 2010 Email from Allen Chang to carmellos@beneciafab.com re Facility visit with clients	Yahoo! Email	C2-000091.00076739		
1284	May 22, 2007 Email from Craig Boyak to W. Liew re Side draw and chlorinator	Yahoo! Email	C2-000091.00028807 - C2- 000091.00028808		
1285	Sep. 1, 2009 100k Tio2 PFD Complete Set	Liew Residence or USAPTI Office			
1286	Chlorination Flow Rates	Liew Residence or USAPTI Office			
1287	Chlorination Line Sizing	Liew Residence or USAPTI Office			
1288	Chlorine Balance Diagram Layout1 (1)	Liew Residence or USAPTI Office			
1289	Chlorination PFD (Original)	Liew Residence or USAPTI Office			
1290	Sep. 2009 USAPTI Equipment List	Liew Residence or USAPTI Office			
1291	Fluidization Air Needed at Chlorinator for Pangang by WL	Liew Residence or USAPTI Office			
1292	Sep. 2009 Raw Material and Utility	Liew Residence or USAPTI Office			
1293	USAPTI 100k Equipment Master List	Liew Residence or USAPTI Office			
1294	100k Specialty Equipment List -DD	Liew Residence or USAPTI Office			
1295	Nov. 30, 2010 P& ID COMPLETE SET	Liew Residence or USAPTI Office			
1296	Aug. 30, 2010 PFD 001-032 Complete Set	Liew Residence or USAPTI Office			
1297	May 14, 2008 Oxidation Reactor Assembly , Nozzle Schedule	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page120 of 244

1298	Industrial Inorganic Pigments (2nd Rev by Gunter Buxbaum), Pages 60-87	Cooper			
1299	Sep. 20, 1957 US3009772	Yahoo! Email; C2- 000091			
1300	Mar. 1, 1974 US3963585	Yahoo! Email; C2- 000091			
1301	Dec. 1998 Pamphlet 6 Piping System For Dry Chlorine	Liew Residence or USAPTI Office			
1302	Chapter 20; Purification of Titanium Tetrachloride	Cooper			
1303	Chapter 21; Vapor Phase Oxidation of Titanium Tetrachloride to Produce Pigment	Cooper			
1304	Sept. 9, 1962 Paper titled Fluidized Bed Chlorination of Rutile by Glasser and Robinson	Cooper			
1305	Titanium Tetrachloride Production by the Chloride Ilmenite Process by the office of solid waste EPA	Cooper			
1306	Diemer paper titled: Multicomponent Aersol Coagulation-Similarity Solutions and Moment Models				
1307	Diemer Paper titled: Similarity Solution Existence Maps for Binary Growth				
1308	Diemer paper titled: In SITU Aerosol Powder Coating Via Multicomponent Coagulation				
1309	1980 Strategic Capacity Preemption: DuPont (Titanium Dioxide)	USAPTI Office; O43			
1310	Titanium by Jelks Barksdale	Amazon.com			
1311	2005 Industrial Inorganic Pigments; Third version by Buxbaum and Pfaff	Cooper			nem
1312	2003 Titanium Dioxide by Jochen Winkler	Cooper			
1313	Jun, 10, 1991 Article: Tioxide advances Tio2 technology	Chemical and Engineering News			
1314	2003 Article: Titanium by Joseph Gambogi	USAPTI Office	O13-MISC_08-000027 - O13-MISC_08-000028		
1315	1997 Article: Reluctance to Innovate: A Case Study of the Titanium Dioxide Industry				
1316	Website: How Calcined Petroleum Coke is Produced	BP Website			
1317	Characterization of Green and Calcined Coke Properties Used for Aluminum Anode-Grade Carbon by Jun M. Lee, et. Al.	Argonne National Laboratory Website			
1318	BP Coke Co. Research on Calcining	BP Website			
1319	Oct. 2, 2011 Website: Wikipedia; Titanium Tetrachloride	Wikipedia Website			
1320	Changhe Liu Textbook	Amazon.com			
1040	Changlic Liu Textoook	1 mazon.com			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page121 of 244

1221	A 2007 F Gii I	E	I		
1321	Aug. 2007 European Commission; Large	European			
	Volume Inorganic Chemicals - Solids and others				
	Industry	for Prospective			
		Technological Studies			
1000	2002 17 11 1 2 2 1 2 2 1 1 1 1				
1322	1	Mount			
1323	by James G. Speight	Lian Davidana	H23-MISC_3-000065 - H23-		
1323	10/24, 1996 DuPont Material Data Safety Sheets	Liew Residence	MISC_3-000067		
1324	10/24, 1996 Kerr McGee Material Data Safety	Liew Residence	H23-MISC_3-000055 - H23-		
1324	Sheets	Liew Residence	MISC_3-000064		
1325	Tio2 Tailoring; Treatment Chemistry to Achieve	Liew Residence	H23-MISC_3-000005 - H23-		
1323	Desired Performance Properties	Liew Residence	MISC_3-000009		
1326	10/24/1996 Material Data Safety Sheets on	Liew Residence	H23-MISC_3-000055 - H23-		
	several products from multiple companies		MISC_3-000057		
1327	Sep. 10, 2012 Article: Tio2's Turnaround by	Chemical and			
	Alexander H. Tullo	Engineering News			
1328	Mar. 2009 Kronos Tio2 Grades and Application	Mount			
1329	INTENTIONALLY LEFT BLANK				
1330	WO 2011/059938 A1; Process for IN-SITU	World Intellectual			
	Formation of Chlorides of Silicon and	Propety Organization			
	Aluminum in the Preparation of Titanium	Website			
	Dioxide				
1331	Website: Thermal ReactorsTitanium Dioxide	Williamson Website			
1332	1999 Section 17; Gas-Solid Operations and	USAPTI Office:			
	Equipment by McGraw-Hill	SVE034297;			
1000	1000 1 1 7 2 2 1 1 1 7 2 2 1	CHAP17.PDF			
1333	-	Pigment & Resin			
1334	Analysis by Elizabeth Reck	Technology; Vo. 28 Liew Residence or			
1334	Dec. 12, 2005 Letter: Titanium Tetrachloride Sump Pump 50 GPM @ 100' TDH; Diagram,	USAPTI Office			
	Graph, Equipment diagram and brochure pages	USAF II Office			
	included				
1335	Titanium Compounds				
1336	Aug. 1987 Equation Coefficients	Liew Residence			
1337	1548 Titanium Dioxide Hazard information	Liew Residence			
1338		Liew Residence			
1339	Website printout: Titanium Tetrachloride	Liew Residence			
1340	Titanium Compounds (Inorganic) Pg. 139-152				
1341	Titanium Dioxide pg. 1102-04				
1342	Chapter 4 Availability, Processing, and				
	Specifications of Titanium Ore and Titanium				
	Tetrachloride				
1343	Apr. 3, 1997 Website: Titanium Dioxide	Liew Residence			
1344	Apr. 15, 1997 Website: Titanium Dioxide	Liew Residence			
1345	Apr. 15, 1997 Website: Titanium Dioxide	Liew Residence			
1346	May 7, 1997 Website: Titanium Dioxide	Liew Residence			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page122 of 244

1347	May 7, 1997 Website: Titanium Dioxide	Liew Residence			
1348	May 7, 1997 Website: Titanium Dioxide	Liew Residence			
1349	Aluminum Oxide	Liew Residence			
1350	Thermodynamic functions and relations, Part I,	Liew Residence			
1330	Basic Principles				
1351	Handwritten notes re Contact info for Phil Spencer, Scott McCormick and Ernest Nelson	Liew Residence or USAPTI Office			
1352	Apr. 17, 2013 Website article: The Journey of the Tlo2 World Summit and Industry				
1353	Intentionally Omitted	USAPTI Office; SVE034297			
1354	Nov. 18, 2008 Sulfate Process Tio2 Pigment Plant Cash Costs; IBMA	Liew Residence	H16-FED_EX_Envelope_1- 00160 - H16- FED_EX_Envelope_1- 00172		
1355	Jan. 6, 1995 Tio2 Pigments and Minerals Supply and Demand Forecasts to 2005; IBMA	Liew Residence	H16-FED_EX_Envelope_1- 000075 - H16- FED_EX_Envelope_1- 000159		
1356	Nov. 18, 1996 Tio2 Pigment 1993 Production Costs and Commercial Costs	Liew Residence	H16-FED_EX_Envelope_1- 000015 - H16- FED_EX_Envelope_1- 000075		
1357	Nov. 18, 1996Sulfate Process Tio2 Pigment Plant Cash Costs; IBMA	Liew Residence	H16-FED_EX_Envelope_1- 000002 - H16- FED_EX_Envelope_1- 000014		
1358	Oct. 2001 Final Titanium Dioxide Listing Background Document for the INORGANIC Chemical Listing Determination	USAPTI Office; SVE034297 EPA public website			
1359	Jan. 22, 2009 Technical Support Document for the Titanium Dioxide Production Sector: Proposed Rule for Mandatory Reporting of Greenhouse Gases	EPA public website			
1360	Sep. 2009 Mandatory Greenhouse Gase Reporting Rule: EPA's Response to Public Comments; Subpart EETitanium Dioxide Production	EPA public website			
1361	Apr. 1998 Titanium Tetrachloride Production by the Chloride Ilmenite Process				
1362	Nov. 13, 1995 Site Visit Reports to Mines and Mineral Processing Facilities	EPA public website			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page123 of 244

10.55	D 4005 MV 1 M 11 11 D 1 1 1	TIG L DOT O CO	I	I I	
1363	Dec. 1995 Titanium Tetrachloride Production by				
	the Chloride Ilmenite Process;	SVE034297			
		EPA public website			
1364	Apr. 1998 Titanium Tetrachloride Production by	-			
1304	the Chloride Ilmenite Process				
1365	Oct. 2001 Final Titanium Dioxide Listing	USAPTI Office;			
	Background Document for the INORGANIC	SVE034297			
	Chemical Listing Determination				
		EPA public website			
1366	Oct. 15, 2009 Website article: Tio2 Expert Jiu	TiO2.net.cn Website			
	Changhe Holds that Domestic Tio2 Chloride	D I CE (A			
	Process is Promising	Bank of East Asia Safe Deposit Box;			
		SVE034332			
		D V E034332			
1367	Aug. 13, 2012 Website article: Jinzhou Bio of	Jinzhou Titanium			
1507	Liu Changhe	Website			
1368	Oct. 10, 2004 Email from W. Liew to Changhe	Yahoo! Email			
	Liu re Attached PDF; Attaching Zipped Tio2				
	pfd.zip				
1369	Mar. 5, 2000 Tutorial: Petroleum Coke	USAPTI Office			
	Calcining and Uses of Calcined Petroleum Coke				
1370	Titanium Minerals Industrial Minerals and	USAPTI Office	O13-MISC_08-000001 -		
1371	Rocks, 6th Edition Oct. 2002 Titanium Dioxide Manufacturers	Yahoo! Email	O13-MISC_08-000010 C2-000091.00010987 - C2-		
13/1	Association TDMA; Safety Advice for Storage	i anoo: Eman	000091.00011049		
	and Handling of Anhydrous Titanium		000071.00011047		
	Tetrachloride				
1372	IBMA 1993 Report Extract, Termination of	Maegerle Residence	1B026-		
	Deepwell Injection by DuPont		TIO2_BACKGROUND-		
			000015 - 1B026-		
			TIO2_BACKGROUND-		
			00001516		
1374	Website: Article from CCM Tio2 Research				
1275	Dog 2010 Eyrhikit E CCM Ti-2 D	CN Chami1			
1375	Dec. 2010 Exhibit E CCM Tio2 Research Highlight; Newsletters	CN Chemical Website			
	ingmight, newsietters	TT COSIC			
		Yahoo! Email			
1376	Black Sand: The History of Titanium	John Liu	C2-000158 - C2-000251		
1377	2004 University of Pretoria etd -Zietsman	USAPTI Office	O13-MISC_08-000011 -		
			O13-MISC_08-000021	 	
1378	1995 White Pigments by Juergen H. Braun	USAPTI Office	O28-White_Pigments-		
			000003 - O28-		
			White_Pigments-000047		

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page124 of 244

1379	1995 American Chemical Society: Isolation and Characterization of Anionic Titanium Tris(glycolate) Complexes by G.J. Gainsford, et. al.				
1380	Jun. 1979 High Temperature Chlorination of Titanium Bearing Minerals: Part IV by Wendell E. Dunn, Jr.				
1381	Dec. 1995 Titanium Tetrachloride Production by the Chloride Ilmenite Process	Maegerle Residence	1B026- TIO2_BACKGROUND- 000028 - 1B026- TIO2_BACKGROUND- 000035		
1382	Jun. 1979 Communications High Temperature Chlorination of Titanium Bearing Minerals: Part III by Wendell E. Dunn, Jr.				
1383	RSC Titanium Dioxide Project				
1384	Titan Project 2009				
1385	70's Disclosure from the Bureau of Mines, Process for Chlorination of Titanium Bearing Minerals and for Dechlorination of Iron Chloride, Chapter 44 by H. M. Harris, et. Al.	Bureau of Mines; Alexander			
1386	Dongbei Process Engineering PTE. Ltd.; Annual Report; For the period of 7/1/2009 to 9/30/2010	Singapore Accounting and Corporate Regulatory Authority			
1387	2010 Filing of Annual Return for Dongbei Process Engineering PTE LTD from BizFile	Singapore Accounting and Corporate Regulatory Authority			
1388	Jun. 21, 2005 Email from nora@nswlam.com to Alex Cheang, cc'ing W. Liew, Melvin Pong re Some info on fine chemicals Project	Yahoo! Email			
1389	Oct. 22, 2010 BizFile Ending of Company Transactions for Dongbei Process Engineering PTD Ltd.	Singapore Accounting and Corporate Regulatory Authority			
1390	Heat conduction	USAPTI Office; sve034297; Castable and Liner Temperature profile Calc 100K.xlsx			
1391	Calc Based on Crane's Tech Paper 410	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page125 of 244

1392	100k Various systems calculations	Liew Residence or USAPTI Office			
1393	Equipment lists with vendor and pricing information	Liew Residence or USAPTI Office			
1394	Aug. 30, 2010 GA-100-SP (100K SITE PLAN) GA-100K-SP (1)				
1395	Raw Material Summary, BD Submittal	USAPTI Office; sve034297; Raw Material Summary.pdf			
1396	Utility and Waste Summary	Liew Residence or USAPTI Office			
1397	Utility Summary	USAPTI Office; sve034297; Utility Summary.pdf			
1398	Apr. 30, 2010 100K_PFD	USAPTI Office; sve034297; 100K_PFD			
1399	Mar. 2008 Equipment specifications; TOC only	USAPTI Office; sve034297; TOC.doc			
1400	Mar. 20, 2008 General Arrangements Equipment Layout Site Plan	USAPTI Office; sve034297; Chlorinator Layout.pdf			
1401	Fluidization Air Requirement for Chlorination	USAPTI Office; sve034297; Fluidization Air Needed at Chlorinator for Jinzhou by WL 20090625.xls			
1402	Mar. 20, 2008 Equipment Layout Site Plan	USAPTI Office; sve034297; GA-100- 000.pdf			
1403	Mar. 20, 2008 Ground Floor Plan	USAPTI Office; sve034297; GA-100- 001.pdf			
1404	Mar. 20, 2008 Second Floor Plan	USAPTI Office; sve034297; GA-100- 002.pdf			
1405	Mar. 20, 2008 Third Floor Plan	USAPTI Office; sve034297; GA-100- 003.pdf			
1406	Mar. 20, 2008 Fourth Floor Plan	USAPTI Office; sve034297; GA-100- 004.pdf			

Case3:11-cr-00573-JSW Dogwier ក្រុំត្រូវ Filed01/06/14 Page126 of 244

1407	Mar. 20, 2008 Fifth Floor Plan	USAPTI Office; sve034297; GA-100-			
		005.pdf			
1408	Mar. 20, 2008 Sixth Floor Plan	USAPTI Office; sve034297; GA-100- 006.pdf			
1409	Mar. 20, 2008 Equipment layout Elevation	USAPTI Office; sve034297; GA-100- 101.pdf			
1410	Mar. 20, 2008 Side Elevation A-A and B-B	USAPTI Office; sve034297; GA-100- 102.pdf			
1411	Mar. 20, 2008 Side Elevation C-C and D-D	USAPTI Office; sve034297; GA-100- 103.pdf			
1412	Mar. 20, 2008 End View Looking West Section K-K	USAPTI Office; sve034297; GA-100- 104.pdf			
1413	Apr. 2008 Operational Description Revision B	Liew Residence or USAPTI Office			
1414	Jun. 20, 2006 PFD Petroleum Coke Handling System	USAPTI Office; sve034297; PDF- 01.dwg			
1415	Jun. 20, 2006 PFD Ore and Petroleum Coke Injection System	USAPTI Office; sve034297; PDF- 02.dwg			
1416	Jun. 20, 2006 PFD Chlorination System	USAPTI Office; sve034297; PDF- 03.dwg			
1417	Jun. 20, 2006 PFD Solid Removal System	USAPTI Office; sve034297; PDF- 04.dwg			
1418	Jun. 20, 2006 PFD Draw-Off System	USAPTI Office; sve034297; PDF- 05.dwg			
1419	Jun. 20, 2006 PFD Condensation System	USAPTI Office; sve034297; PDF- 06.dwg			
1420	Jun. 20, 2006 PFD Fume Disposal System	USAPTI Office; sve034297; PDF- 07.dwg			
1421	Jun. 20, 2006 PFD Ticl4 Purification System	USAPTI Office; sve034297; PDF- 08.dwg			
1422	Jun. 20, 2006 PFD Pure Ticl4 Sampling/Storage Sytem	-			
1423	Aug. 2008 Piping Specifications	Liew Residence or USAPTI Office			
1424	PFD-01 Petroleum Coke Hndling System	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page127 of 244

			I		I	1
1425	PFD-02 Coke and Ore Injection System	Liew Residence or USAPTI Office				
1426	PFD-03 Chlorination System	Liew Residence or USAPTI Office				
1427	PFD-04 Solids Removal System	Liew Residence or USAPTI Office				
1428	PFD-05 Draw off System	Liew Residence or USAPTI Office				
1429	PFD-06 Condensation System	Liew Residence or USAPTI Office				
1430	PFD-07 Fume Disposal System	Liew Residence or USAPTI Office				
1431	PFD-08 Ticl4 Purification	Liew Residence or USAPTI Office				
1432	PFD-09 Tank Farm	Liew Residence or USAPTI Office				
1433	March 15, 2010 PFD-01-09; Equipment List	Liew Residence or USAPTI Office				
1434	Nov. 3, 1951 US2758019 National Lead Chlorinator					
1435	May 20, 1955 US2855273 Tioxide					
1436	Apr. 9, 1954 US2856264 Chlorinator & Chlorinator & Riser Design					
1437	Aug. 30, 1960 US3144303 Fluidization Process					
1438	Nov. 16, 1966 US3475117 Chlorinator Riser Spiral					
1439	Jun. 23, 1987 US4854972 Chlorinator Velocity Air Products					
1440	Mar. 2, 1989 US4961911 Includes details for chlorinator design					
1441	Feb. 1, 1994 US538 9353 Pet Coke and Operating velocities etc.					
1442	Cal of fluidization air by Pangang	USAPTI Office; sve034297; Calc of fluidization air by Pangang.doc				
1443	Calculation of 100k Chlorinator thickness	USAPTI Office; sve034297; Calculation of 100K Chlroinator thickness.xls				
1444	Chlorination Flow Rates	USAPTI Office; sve034297; Chlorination Flow Rates.xlsx				
1445	Oct. 27, 2013 Google search re "Slurry storage systems DuPont"	Google Website				
1446	Nov. 1998 DuPont Slurry Systems PDF	Dupont Website		PA_C_Design_for_a_Slurry_S torage_System.pdf		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page128 of 244

1447	Jul. 24, 2013 Appendix F, Excerpts from	The National	Webpage from	
144/		Academies Press		
	Titanium Tetrachloride Specifications		http://www.nap.edu/openbook.	
		Website	php?record_id=1712&page=1	
			89	
1448	Apr. 24, 2013 DuPont Website: Used Chemical	Dupont Investment	Webpage from	
	Production Equipment	Recovery Website	http://www.investmentrecover	
			y.dupont.com/iinfo.cfm?ItemN	
			o=131090	
1449	Spreadsheet from DuPont Website re Used	Dupont Investment	Copy of Obj131090-	
	Chemical Production Equipment	Recovery Website	888_DETAILS.xls	
1450	Apr. 24, 2013 Webpage re Compressors for Sale	WayBack Machine	Webpage from	
		Internet Archive	http://web.archive.org/liveweb	
			/http://www.dynaprice.com/du	
			pontsales	
1451	Apr. 24, 2013 Webpage re Surplus Assets for	WayBack Machine	Webpage from	
1431	Sale from DuPont	Internet Archive	http://web.archive.org/web/19	
	Sale Holli Durolii	internet Archive		
			970606195158/http://www.du	
			pont.com/surplus/assets.html	
		D 1 4D 11	5 1 00 5 5 0 5 10 1 1 1 1 1 1 1 1 1 1 1	
1452	Factsage Calculations	Bank of East Asia	□ 1CC[50954].txt□	
		Safe Deposit Box;		
		SVE034332		
1453	Factsage Calculations	Bank of East Asia	□ 2CC[50956].txt□	
		Safe Deposit Box;		
		SVE034332		
1454	Factsage Calculations	Bank of East Asia	□ 1CC[50977].txt□	
		Safe Deposit Box;		
		SVE034332		
1455	Factsage Calculations	Bank of East Asia	□ 2CC[50978].txt□	
1.00	Tuessage Careaminons	Safe Deposit Box;	= 200[00070].ma	
		SVE034332		
1456	Footse as Coloulations	Bank of East Asia	□ 1CC[210395].txt□	
1430	Factsage Calculations	Safe Deposit Box;		
		SVE034332		
			= accratosof1 =	
1457	Factsage Calculations	Bank of East Asia	□ 2CC[210397].txt□	
		Safe Deposit Box;		
		SVE034332		
1458	Factsage Calculations	Bank of East Asia	□ 1CC[210447].txt□	
		Safe Deposit Box;		
		SVE034332		
1459	Factsage Calculations	Bank of East Asia	□ 2CC[210449].txt□	
		Safe Deposit Box;		
		SVE034332		
1460	Factsage Calculations	Bank of East Asia	□ 1CC[211784].txt□	
	<i>g.</i>	Safe Deposit Box;		
		SVE034332		
1461	Factsage Calculations	Bank of East Asia	□ 2CC[211786].txt□	
1401	actoage Calculations	Safe Deposit Box;		
		SVE034332		
		3 V EU34332		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page129 of 244

1462	Factsage Calculations	Bank of East Asia Safe Deposit Box;	□ 1CC[220762].txt□	
1463	Factsage Calculations	SVE034332 Bank of East Asia	□ 2CC[220764].txt□	
		Safe Deposit Box; SVE034332		
1464	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 1CC[220877].txt□	
1465	Factsage Calculations	Bank of East Asia Safe Deposit Box;	□ 2CC[220879].txt□	
1466	Factsage Calculations	SVE034332 Bank of East Asia	□ 1CC 45 C 472K TiCl4	
1400	Tactsage Canculations	Safe Deposit Box; SVE034332	Circ[222882].txt□	
1467	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 1CC R1[222883].txt□	
1468	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	☐ 1CC with 756 K Recirc[222884].txt☐	
1469	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 1CC[222885].txt□	
1470	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 2CC 45C with 472K Recirc[222886].txt□	
1471	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 2CC 50C with 312K Recirc[222887].txt□	
1472	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 2CC-45C[222888].txt□	
1473	Factsage Calculations	Bank of East Asia Safe Deposit Box; SVE034332	□ 2CC[222889].txt□	
1474	Factsage Calculations	USAPTI Office: SVE034330	□ 1CC[181640].txt□	
1475	Factsage Calculations	USAPTI Office: SVE034330	□ 2CC[181642].txt□	
1476	Performance Group document titled "Process Calculations"	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00001.pdf	
1477	Process flow calculations	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00002.pdf	
1478	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00003.pdf	
1479	Spreadsheet re Petroleum coke	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00004.pdf	
1480	Spreadsheets re slag ore and rutile ore re 30,000 Metric Ton/Yr TiO2	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00005.pdf	

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page130 of 244

1481	Spreadsheet re Petroleum coke	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00006.pdf	
1402	December Colonietiene	Managada Dagidanaa	1	
1482	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL ATIONS_00007.pdf	
1483	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00008.pdf	
1484	Document titled "Factsage Input"	Maegerle Residence	1B007_PROCESS_CALCUL	
	r		ATIONS_00009.pdf	
1485	Document titled "Chlorination Results by	Maegerle Residence	1B007_PROCESS_CALCUL	
	Factsage"		ATIONS_00010.pdf	
1486	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00011.pdf	
1487	Document titled "Chlorination Results by	Maegerle Residence	1B007_PROCESS_CALCUL	
	Factsage"		ATIONS_00012.pdf	
1488	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00013.pdf	
1489	Document titled "Chlorination Results by	Maegerle Residence	1B007_PROCESS_CALCUL	
	Factsage"		ATIONS_00014.pdf	
1490	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
1.,0	Trocess Calculations	Maegene Residence	ATIONS_00015.pdf	
1491	Calculations re Transfer Line	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00016.pdf	
1492	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00017.pdf	
1493	Graph re "TiCl4-Cp vs T(K)"	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00018.pdf	
1494	Graph re "H2O - Cp vs T(K)"	Maegerle Residence	1B007_PROCESS_CALCUL	
	The state of the s		ATIONS_00019.pdf	
1495	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00020.pdf	
1496	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00021.pdf	
1497	T0738 – handwritten notes of calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00022.pdf	
1498	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00023.pdf	
1499	Process Calculations	Maegerle Residence	1B007 PROCESS CALCUL	
			ATIONS_00024.pdf	
1500	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00025.pdf	
1501	Calculations re Transfer Line	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00026.pdf	
1502	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00027.pdf	
1503	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00028.pdf	
1504	Process Calculations	Maegerle Residence	1B007_PROCESS_CALCUL	
			ATIONS_00029.pdf	
1505	Document titled "Calculation of hydrolyze	Maegerle Residence	1B007_PROCESS_CALCUL	
	AlCl3 with 20% Caustic"		ATIONS_00030.pdf	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page131 of 244

1506	Process Calculations	Maegerle Residence		1B007_PROCESS_CALCUL ATIONS_00031.pdf		
1507	May 16, 2007 Memo from Pangang to Performance Group re Questions on Basic Design.	Maegerle Residence		1B007_PROCESS_CALCUL ATIONS_00032.pdf		
1508	Feb. 27, 2006 Email from W. Liew to Arthur Pelton Re Slag Chlorination Model	Yahoo! Email	C2-000091.00001839 - C2- 000091.00001841			
1509	March 6, 2006 Email and attachments from W. Liew to Arthur Pelton re Slag Chlorination Info	Yahoo! Email	C2-000091.00001977 - C2- 000091.00002001			
1510	March 9, 2006 Email and attachments from W. Liew to Arthur Pelton re Additional info for slag chlorination	Yahoo! Email	C2-000091.00002033 - C2- 000091.00002046			
1511	March 14, 2006 Email from W. Liew to Arthur D. Pelton re Additional info for slag chlorination	Yahoo! Email	C2-000091.00002107 - C2- 000091.00002108			
1512	March 29, 2006 Email from W. Liew to R. Maegerle re SiCl4	Yahoo! Email	C2-000091.00002336			
1513	March 30, 2006 Email from W. Liew to Peter Zisko re Factsaging in Montreal	Yahoo! Email	C2-000091.00002342 - C2- 000091.00002343			
1514	April 3, 2006 Email from You-Bae Kang to W. Liew re Factsage files	Yahoo! Email	C2-000091.00002357			
1515	April 11, 2006 Email and attachments from Arthur Pelton to W. Liew re Factsage calculations - report	Yahoo! Email	C2-000091.00023396 - C2- 000091.00023437			
1516	April 11, 2006 Email from W. Liew to Youn-Bae Kang re Question on my Intitial Conditions for Factsage	Yahoo! Email	C2-000091.00002610			
1517	May 3, 2006 Email from Youn-bae Kang to W. Liew re Question on my Initial Conditios for Factsage	Yahoo! Email	C2-000091.00023706			
1518	May 19, 2006 Email from Arthur Pelton to W. Liew re Question on Initial Conditions	Yahoo! Email	C2-000091.00024123 - C2- 000091.00024126			
1519	April 2006 Document by Pelton and Kang titled 'Fluid-Bed Chlorination and Purification of a 75,000MTPY TiCl4 By Chloride Route	USAPTI Office	O15-FLUID-BED-000001 - O15-FLUID-BED-000010			
1520	April 2006 Document by Pelton and Kang titled 'Fluid-Bed Chlorination and Purification of a 75,000MTPY TiCl4 By Chloride Route and Performance Group Heat and Mass Balance Calculation	Liew Residence	H9-MISC-000022 - H9- MISC-000044			
1521	March 1, 2006 Email from Arthur Pelton to W. Liew re Slag Chlorination Model	Yahoo! Email	C2-000091.00022744 - C2- 000091.00022747			
1522	March 23, 2006 Email from Christopher Bale to W. Liew re Factsage and FACT-PC Newsletter #71	Yahoo! Email	C2-000091.00023176 - C2- 000091.00023179			
1523	March 25, 2011 Spreadsheet 100K Factsage Chlorination	Mount; Cooper		100K Factsage Chlorination 25Mar2011.xls		
1524	Heat Transfer Calculation for E-3360	USAPTI Office; SVE034297		Heat Transfer Calculation for RCC E-3360.xls		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page132 of 244

1525	Aug 18, 2009 Heat Transfer Calculation for E-3540 by WL	USAPTI Office; SVE034297		Heat Transfer Calculation for E-3540 by WL 20090818.xls		
	35 15 57 112	5 (200 (2))		2 50 10 69 112 2009 00 10 1115		
1526	Management of Change calculations	USAPTI Office; SVE034297		Management of Change.xlsx		
1527	Factsage calculation re 30k chlorination 2226kg			30k chlorination 2226kg Cl2		
1.500	Cl2 25C solid inlet	SVE034297		25C solid inlet.txt		
1528	Factsage calculation re 30k chlorination 2227kg	USAPTI Office; SVE034297		30k chlorination 2227kg Cl2		
1529	C12 added 0.5% S Factsage calculation re 30k chlorination 2227kg			added 0.5% S.txt 30k chlorination 2227kg Cl2		
1329	C12 added	SVE034297		added.txt		
1530	Factsage calculation re 30k chlorination 2472kg			30k chlorination 2472kg Cl2		
1330	C12 added	SVE034297		added.txt		
1531	Factsage calculation re 30k chlorination no cl2	USAPTI Office;		30k chlorination no cl2		
	added	SVE034297		added.txt		
1532	Document re 30k Ken Chlorination mole	USAPTI Office; SVE034297		30k Ken Chlorination mole.xls		
1533	March 29, 2006 Email from W. Liew to Peter Zisko, R. Maegerle, and Ernie Nelson re Factsage in Montreal	Yahoo! Email	C2-000091.00002337 - C2- 000091.00002338			
1534	April 1, 2006 Email from W. Liew to R. Maegerle, Peter Zisko, and Ernie Nelson re Flow Sheet Calculation	Yahoo! Email	C2-000091.00002345			
1535	April 26, 2006 Email from W. Liew to Peter Zisko re Auto-ignition of Petroleum Coke	Yahoo! Email	C2-000006.00000059			
1536	May 21, 2006 Email from W. Liew to Peter Zisko and R. Maegerle re Flow rates for Chempump	Yahoo! Email	C2-000091.00003210			
1537	May 21, 2006 Email from W. Liew to R. Maegerle re Flow rates for Lawrence Pumps	Yahoo! Email	C2-000091.00003211			
1538	May 21, 2006 Email from R. Maegerle to W. Liew re Flow rates for Lawrence Pumps	Yahoo! Email	C2-000091.00024423 - C2- 000091.00024423			
1539	May 22, 2006 Email from R. Maegerle to W. Liew re Flow rates for Chempump	Yahoo! Email	C2-000091.00024427			
1540	June 2, 2006 Email from R. Maegerle to W. Liew re Question on Chlorination	Yahoo! Email	C2-000091.00024915			
1541	Aug. 6, 2007 Email from W. Liew to R. Maegerle	Yahoo! Email	C2-000091.00007972			
1542	May 19, 2009 Email from W. Liew to Jatin Patel, R. Maegerle, Sudha Sanghi re Files location	Yahoo! Email	C2-000091.00048918			
1543	July 16, 2009 Email and attachments from W. Liew to R. Maegerle re Chlorination Flow Rates	Yahoo! Email	C2-000006.00008196 - C2- 000006.00008209			
1544	Aug. 5, 2009 Email and attachments from Jatin Patel to W. Liew and R. Maegerle re Factsage Equilibrium	Yahoo! Email	C2-000006.00008417 - C2- 000006.00008451			

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page133 of 244

1545	Aug. 19, 2009 Email from Len Tilton to Jatin Patel and W. Liew re Please double check the PFD calcs	Yahoo! Email	C2-000091.00044205 - C2- 000091.00044205			
1546	Aug. 19, 2009 Email from Len Tilton to Jatin Patel and W. Liew re Please double check the PFD calcs	Yahoo! Email	C2-000091.00044211 - C2- 000091.00044212			
1547	Performance Group Process Calculations	Liew Residence	H2-PROCESS_CALC- 000001 - H2- PROCESS_CALC-000104			
1548	Heat Balance of the Toluene Atomizer/Burner	Liew Residence		H9_CALCULATIONS_00008 .pdf		
1549	Calculation for X-521 SR Condenser	Liew Residence		H29_ITEM_21_00001.pdf		
1550	Calculation for X-541 RCC Condenser	Liew Residence		H29_ITEM_21_00003.pdf		
1551	Spray Nozzle Selection	USAPTI Office		O1_BLACK_BOOK_WEIGH T_00006.pdf		
1552	Aug. 12, 2012 letter from Henry Steenkamer to Ellen Kullman	Steenkamer	WL00000001 - WL00000002			
1553	Fed Ex envelop with financial notes	Liew Residence or USAPTI Office				
1554	August 11, 2005 Email from T Lu to W. Liew re VC meeting and ACR	Yahoo! Email				
1555	July 6, 2005 Email from W. Liew to T Lu re Loan	Yahoo! Email				
1556	July 15, 2005 Email from T Lu to W. Liew re Loan	Yahoo! Email	C2-000005-KVN.00011136			
1557	June 20, 2006 Email from Nora to Alex Cheang with attachments	Yahoo! Email	C2-000091.00019776 - C2- 000091.00019801			
1558	Maegerle notes re hours and rate calculations					
1559	Oct. 2, 1997 Fred Arbogast/Condux fax to Maegerle re TiO2 - September Hours and China Update	Maegerle Residence; 1B026				
1560	Nov. 11, 1991 Du Pont Interoffice Memo re Maegerle Retirement	Maegerle Residence; 1B011				
1561	Nov 12, 1991 Interoffice memos and messages to Maegerle re retirement	Maegerle Residence; 1B011				
1562	Du Pont discussion of Contribution Summary for Engineering Department re Maegerle, signed 9.29.90	Maegerle Residence	1B009- DUPONT_CORRESPOND ENCE-000003			
1563	Discussion of Contribution Summary for Engineering Department re Maegerle	Maegerle Residence	1B009- DUPONT_CORRESPOND ENCE-000001 - 02			
1564	Description of work at DuPont by Maegerle	Maegerle Residence; 1B009				
1565	Discussion of Contribution Summary for Engineering Department re Maegerle	Maegerle Residence; 1B009				
1566	Oct. 23, 1989. Personal Development Discussion Summary Engineering Department re Maegerle	Maegerle Residence; 1B009				

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page134 of 244

1567	April 28, 1998 Fax from R. Maegerle to W. Liew.	Maegerle Residence; 1B026			
1568	Intentionally Omitted	Maegerle Residence; 1B026			
1569	Sept 12, 1997 Memo R. Maegerle to W. Liew with comments on preliminary review of info sentl	Maegerle Residence; 1B026			
1570	Mar 7, 1998 Maegerle handwritten Project Diagram	Maegerle Residence; 1B026			
1571	Oct. 5, 1997 Fax from Dan McIntosh to W. Liew	Maegerle Residence; 1B026			
1572	Jul 1, 1998 Project Schedule and Capacity Attainment	Maegerle Residence; 1B026			
1573	Jul 3, 1998 Fax R. Maegerle to W. Liew	Maegerle Residence; 1B026			
1574	Intentionally Omitted	Maegerle Residence; 1B026			
1575	Sep 12, 1997 Letter from Maegerle to W. Liew re preliminary review of information sent.	Maegerle Residence; 1B026			
1576	Jan 18, 2008 Email from Maegerle to W. Liew re Fatty Acid	Yahoo! Email			
1577	Apr. 1, 2008 Email from Maegerle to W. Liew	Yahoo! Email			
1578	June 3, 2007 Email from R. Maegerle to W. Liew re Zhenjiang Micronizer	Yahoo! Email			
1579	Dec. 18, 2005 Email from Ernie Nelso to W. Liew re Petroleum Coke	Yahoo! Email			
1580	Jan 29, 2006 Email from Maegerle to Zisko (cc: Ernie Nelson) re Conceptual Eq Design	Yahoo! Email			
1581	Jan 28, 2006 Email from Maegerle to Zisko (cc: Ernie Nelson) re SR Equipment	Yahoo! Email			
1582	Mar 5, 2009 Email from Walter Liew to Maegerle re Estimate on Reactor and AlC3 Generator	Yahoo! Email			
1583	Nov 1, 2005 Email from Maegerle to W. Liew re Follow-up for Jinzhou Titanium	Yahoo! Email			
1584	Nov. 3, 2005 Email from Maegerle to Zisko & W. Liew re Progress	Yahoo! Email			
1585	Nov 5, 2005 Email from Maegerle to W. Liew (cc: Zisko) re Questions	Yahoo! Email			
1586	Sep 16, 2008 Email from W. Liew to Maegerle (cc: Steve Amerine; BJ Bhatnagar) re Batch Hours at Blend Tanks	Yahoo! Email			
1587	Jan 9, 2006 Email from Maegerle to Peter Zisko (cc: W. Liew) re Spray Machine	Yahoo! Email			
1588	Oct. 1, 2008 Email from Able-Baker to Stephen Amerine (cc: Maegerle) re Valves	Liew Residence; H9			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page135 of 244

1589	June 10, 2011 Email from Maegerle to W. Liew	Vahool Email			
	re Latest 100K plant layout				
1590	Sep 16, 2008 Email from W. Liew to Maegerle re Batch Hours at Blend Tanks	Liew Residence; H9			
1591	Sep 22, 2008 Email from Maegerle to Able- Baker & Amerine re P&ID Questions	Liew Residence; H9			
1592	Sep 22, 2008 Email from Able-Baker to Stephen Amerine (cc: Maegerle re P&ID Questions"	Liew Residence; H9			
1593	Mar. 7, 2004 Fax from Maegerle to W. Liew attaching schematic drawing	Maegerle Residence; 1B026			
1594	Jan 11, 2010 Email from Len Tilton to Maegerle (cc: Ruth Oduca, W. Liew) re Operating pressure in Purification Section	Maegerle Residence; 1B026			
1595	Oct. 1, 2008 "Finishing Scope of Facilities - 30,000 MT/YR Basis" by RJM	Maegerle Residence; 1B026			
1596	Maegerle notes and drawings including Chlorine Handling	Maegerle Residence; 1B026			
1597	May 27, 2009 Maegerle Notes "Critical Decisions from 10/08 Meeting"	Maegerle Residence; 1B026			
1598	Maegerle 8/08 Meeting Notes	Maegerle Residence; 1B026			
1599	IBMA 1993 Report Extract	Maegerle Residence; 1B026			
1600	Maegerle Handwritten notes re Draw off Valve				
1601	Doc "Operating Procedure - Oxidation of Pure TiCl4 and Separation of TiO2	Maegerle Residence; 1B031			
1602	Jul 30, 2009 Email from W. Liew to Bo Buhl (cc: Maegerle; Jatin Patel) re Toulene Injector	Yahoo! Email			
1603	Feb 5, 2008 Memo from Maegerle to W. Liew re Zhenjiang Chemical Company - Evaluation of Micronizer Collection System	Yahoo! Email	369693_Yahoo (YahooMail) Search_entry #388374183_Email Attachment 1 - 4		
1604	May 8, 2008 Email from R. Maegerle to W. Liew re Question on AlCL3 balances	Yahoo! Email			
1605	May 9, 2008 Maegerle Notes "Finishing Area Design Basis"				
1606	Maegerle Notes re 30,000 T/Y TiO2 - Finishing Flow Schematic				
1607	May 1, 1998 Fax from Maegerle to W. Liew re raw materials required	Maegerle Residence; 1B026			
1608	Jan 19, 2008 Email from R. Maegerle to W. Liew re 40m Plot Plan	Yahoo! Email			
1609	Jan 31, 2006 Maegerle Email to Zisko (cc: Ernie Nelson, W. Liew) re More Equipement Details	Yahoo! Email			
1610	Jul 21, 2006 Email from Maegerle to Jun Mendiola (cc: Zisko, W. Liew) re Chlorinator Manifold Design	Yahoo! Email			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page136 of 244

1611	Jul 21, 2006 Email from Maegerle to Zisko, W. Liew, Mendiola re Meeting Follow-Up	Yahoo! Email			
1612	Jul 27, 2006 Email from Maegerle to Zisko, Mendiola (cc: W. Liew) re Chlorinator Design	Yahoo! Email			
1613	Maegerle handwritten notes (3 pages) starting with "Flow SH7. Calcs (30,000 T/Y Back End)				
1614	Oct. 24, 2007 Maegerle Notes re AlCl3 Generator Sizing				
1615	Tronox TiO2 Industry: Global Producers and Capacity	Maegerle			
1616	Aug. 14, 2009 Maegerle handwritten notes re 100K Oxid. Flue Pond				
1617	Aug. 23, 2009 Maegerle Drawing 100K Purif. Col. R-3550				
1618	Aug. 3, 2008 Email from W. Liew to Maegerle re Pangang	Yahoo! Email	C2-00006.00002037 - C2- 000006.00002050		
1619	Crane Flow of Fluids Through Valves, Fittings and Pipe Technical Paper No. 410	Flow of Fluids.com			
1620	BOOK: Peters, Max S., et al. Plant Design and Economics for Chemical Engineers. Fifth Edition (International Edition) McGraw Hill, 2004.	Alibris			
1621	Oct. 7, 2009 Maegerle Notes re Chlorine Gas & Liq Line Sizing				
1622	Nov. 2010 Maegerle handwritten notes re 100K Hot O2/TiCl4 Piping				
1623	Robert Maegerle Retirement Book	Maegerle Residence	1B011- RETIREMENT_BOOK_RO BERT_MAEGERLE-000001 - 1B011- RETIREMENT_BOOK_RO BERT_MAEGERLE-000139		
1624	Intentionally Omitted				
1625	Jul. 10, 1997 Letter from Fred Arbogast (Condux) to Michael Marinak	Liew Residence	H23-WHITE_BINDER_1- 000014 - H23- WHITE_BINDER_1-000025		
1626	Aug. 11, 1997 Letter from Fred Arbogast (Condux) to W. Liew	Liew Residence or USAPTI Office			
1627	Aug. 15, 1997 Letter from Frederick Arbogast (Condux) to W. Liew	Liew Residence or USAPTI Office			
1628	Edge Moor, South View Photograph from Google Earth	Maegerle			
1629	Edgemoor North View Photograph from Google Earth	Maegerle			
1630	Picture of DuPont Chlorinator from Benicia Fab.	Benicia Fab Website			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page137 of 244

1631	Picture of DuPont Chlorinator on Benicia Fab (Antioch) Website	Benicia Fab Website			
1632	Google Earth of Ashtabula	Maegerle			
1633	Cristal Global Website of Ashtabula Plant	Maegerle			
1634	Apr. 9, 2011 Email from R. Maegerle to W. Liew re Comments on Complaint, labeled C2-000006.00010125 - C2-000006.00010128	Yahoo! Email	C2-00006.00010125 - C2- 000006.00010128		
1635	Apr 8, 2011 Email from Maegerle to W. Liew re DuPont Civil Suit, labeled C2- 000006.00010124	Yahoo! Email			
1636	Oct. 8, 2009 Email from W. Liew to Maegerle (cc: Len Tilton; Ruth Oduca) re NCl3 issue, labeled C2-000004.00003556-C2-000004.00003620	Yahoo! Email	C2-00004.00003556 - C2- 000004.00003620		
1637	"Chloride Process" printed from Wikipedia, http://en.wikipedia.org/wiki/Chloride_process	Wikipedia			
1638	Sep. 4, 2009 Maegerle Email to W. Liew (cc: Jatin Patel) re Oxidation Equipment Arrangements	Yahoo! Email			
1639	Misc. docs including from Goulds SRL, pages from Ti-Cons PowerPoint, Lawrence pumps website	Maegerle			
1640	Satellite photograph				
1641	Satellite photograph				
1642	Paper: A. Kale and K. Bisaka. "Fluid Bed Chlorination Pilot Plant at Mintek" The Southern African Institute of Mining and Metallurgy Advance Metals Initiative, Light Metals Conference 2010, pp. 281-291	Maegerle			
1643	June 14, 2008 email from R. Maegerle to Brijesh Bhatnagar and W. Liew re Jinzhou Ferralloy/Petro-Chem proposal MI-08- 0864/P408, labeled O14-MISC_07-000041 - O14-MISC_07-000044	USAPTI Office	O14-MISC_07-000041 - O14-MISC_07-000044		
1644	May 15, 2008 Email from Brijesh Bhatnagar to Maegerle (cc: W. Liew) re Spray Condenser, labeled C2-000006.00000721	Yahoo! Email	C2-000006.00000721		
1645	Jan 29, 2008 Email from Brijesh Bhatnagar to W. Liew and Maegerle re Spray Nozzles Quote, labeled 1B026-EQUIP_DETAILS-000002 - 1B026-EQUIP_DETAILS-000004	Maegerle Residence	1B026-EQUIP_DETAILS- 000002 - 1B026- EQUIP_DETAILS-000004		
1646	Dec. 22, 2005 Email from W. Liew to Bob Maegerle re Thermochemistry Data, labeled C2- 000091.00001219-C2-000091.00001220	Yahoo! Email	C2-000091.00001219 - C2- 000091.00001220		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page138 of 244

hina, labeled C2- 222 emo to W. Liew from R. Dan McIntosh) re Comments on Flow Diagrams, labeled 1B026- 20036 etter from R. Maegerle to W. ents on Third Draft, labeled 2TO-000041-1B026- 20042 roup Drawings re NR Cyclone V 8015-NR_CYCLONE_V_522-	, 2005 Email from Maegerle to W. Liew nt in China, labeled C2-00021022 998 Memo to W. Liew from R. e (cc: Dan McIntosh) re Comments on sue of Flow Diagrams, labeled 1B026-TO-000036 997 Letter from R. Maegerle to W. comments on Third Draft, labeled FAXES_TO-000041-1B026-TO-000042 ance Group Drawings re NR Cyclone V eled 1B015-NR_CYCLONE_V_522-	1B026-FAXES_TO-000041- 1B026-FAXES_TO-000042
Dan McIntosh) re Comments on Flow Diagrams, labeled 1B026- 20036 Etter from R. Maegerle to W. ents on Third Draft, labeled 2_TO-000041- 1B026- 20042 Toup Drawings re NR Cyclone V B015-NR_CYCLONE_V_522-	e (cc: Dan McIntosh) re Comments on ssue of Flow Diagrams, labeled 1B026TO-000036 997 Letter from R. Maegerle to W. comments on Third Draft, labeled FAXES_TO-000041- 1B026TO-000042 ance Group Drawings re NR Cyclone V eled 1B015-NR_CYCLONE_V_522-	1B026-FAXES_TO-000041- 1B026-FAXES_TO-000042
ents on Third Draft, labeled LTO-000041- 1B026- 00042 roup Drawings re NR Cyclone V 8015-NR_CYCLONE_V_522-	comments on Third Draft, labeled FAXES_TO-000041- 1B026TO-000042 ance Group Drawings re NR Cyclone V eled 1B015-NR_CYCLONE_V_522-	1B026-FAXES_TO-000042 1B015-
B015-NR_CYCLONE_V_522-	eled 1B015-NR_CYCLONE_V_522-	
	- 1B015-NR_CYCLONE_V_522-	NR_CYCLONE_V_522- 000001 - 1B015- NR_CYCLONE_V_522- 000003
Tracing, labeled O26- RLE-000048 - O26-	2008 Email from R. Maegerle to W. Steam Tracing, labeled O26- IAEGERLE-000048 - O26- IAEGERLE-000067 USAPTI Office	026-BOB_MAEGERLE- 000048 - O26- BOB_MAEGERLE-000067
1 1B015- SAL_SYSTEM-000001 -1B015	ance Group Drawing re Fume Disposal labeled 1B015- DISPOSAL_SYSTEM-000001 -1B015- DISPOSAL_SYSTEM-000002	1B015- FUME_DISPOSAL_SYSTE M-000001 -1B015- FUME_DISPOSAL_SYSTE M-000002
GENERAL_ARRANGEMENT-	I Piping and Instrumentation Diagrams, 1B024-GENERAL_ARRANGEMENT 1B024-GENERAL_ARRANGEMENT-	1B024- GENERAL_ARRANGEME NT-00097 - 1B024- GENERAL_ARRANGEME NT-000121
quipment Layout, labeled 1B024	I Drawing of General Arrangement ation Equipment Layout, labeled 1B024-NE_BAG-000007	1B024-CYCLONE_BAG- 000007
	ance Group Drawings re Quench Tank 2, labeled 1B015- 2H_TANK_V_513_2-000001 - 1B015- 2H_TANK_V_513_2-000003	1B015- QUENCH_TANK_V_513_2- 000001 - 1B015- QUENCH_TANK_V_513_2- 000003
NK_V_513_2-000001 - 1B015-	ormance Drawings re Oxidation , labeled 1B033-CORRESP_FROM1B033-CORRESP_FROM-000108	1B033-CORRESP_FROM- 000106 - 1B033- CORRESP_FROM-000108
	2, labeled 11 CH_TANK_ CH_TANK_ ormance Di , labeled 1B	B015- V_513_2-000001 - 1B015- V_513_2-000003 rawings re Oxidation 033-CORRESP_FROM- Maegerle Residence

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page139 of 244

1658	LH Performance Diagrams and PFDs for 22, 500 Tons/Year TiO2 by Chloride Process, labeled 1B033-CORRSESP_FROM-000137-1B033-CORRSESP_FROM-000147	Maegerle Residence	1B033-CORRSESP_FROM- 000137 - 1B033- CORRSESP_FROM-000147			
1659	Performance Group Doc on 75K TiCl4 by Chloride Route project, labeled 1B026- TECH_PKG-000101 - 1B026-TECH_PKG- 000113	Maegerle Residence	1B026-TECH_PKG-000101 1B026-TECH_PKG-000113			
1660	Dec 22, 2005 Email from W. Liew to Maegerle re TiCl4 thermochemistry data, labeled C2-000091.00001217	Yahoo! Email	C2-000091.00001217			
1661	Dec 20, 2005 Email from W. Liew to Maegerle re Physical Property Data, labeled C2- 000091.00001202	Yahoo! Email	C2-000091.00001202			
1662	Jan 2, 2008 Performance Group Standard Specifications for Shell and Tube Heat Exchangers, labeled 1B007- STANDARDS_SPECS_GCC-000050 - 1B007- STANDARDS_SPECS_GCC-000075	Maegerle Residence	1B007- STANDARDS_SPECS_GC C-000050 - 1B007- STANDARDS_SPECS_GC C-000075			
1663	Oct. 25, 2007 printed diagrams, labeled 1B033-INSTRUMENTS-000001 - 1B033-INSTRUMENTS-000016	Maegerle Residence	1B033-INSTRUMENTS- 000001 - 1B033- INSTRUMENTS-000016			
1664	Dec. 1995 Titanium tetrachloride production by the chloride illemite process	Maegerle				
1665	Apr. 4, 2001 Fax from R. Maegerle to S. Edwards, labeled 1B031- CONSULTING_ARRGITS-000001	Maegerle Residence	1B031- CONSULTING_ARRGITS- 000001			
1666	Google Earth Pro Image-Edgemoor Flue Pond					
1667	1B015-ELB_ASSY_01_SCHEMATIC-000002 - 1B015-ELB_ASSY_01_SCHEMATIC-000006	Maegerle Residence	IB015- ELB_ASSY_01_SCHEMAT IC-000002 - 1B015- ELB_ASSY_01_SCHEMAT IC-000006			
1668	Thermal expansion of ceramic liners.xlsx	USAPTI Office; SVE034297		Thermal expansion of ceramic liners.xlsx		
1669	TiCl4 Velocities Calc by Jatin.xls	USAPTI Office; SVE034297		TiCl4 Velocities Calc by Jatin.xls		
1670	Fluidization Air Calculations 100K by Bob's version 2.xls	USAPTI Office; SVE034297		Fluidization Air Calculations 100K by Bob's version 2.xls		
1671	Fluidization Air Calculations 100K by Bob's.xls	USAPTI Office; SVE034297		Fluidization Air Calculations 100K by Bob's.xls		
1672	Fluidization Air Calculations 100K.xlsx	USAPTI Office; SVE034297		Fluidization Air Calculations 100K.xlsx		
1673	Fluidization Air Needed at Chlorinator for Pangang by WL.xls	USAPTI Office; SVE034297		Fluidization Air Needed at Chlorinator for Pangang by WL.xls		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page140 of 244

1674	PFD TABLE 100K 20091028 For Factsage.xls	USAPTI Office; SVE034297		PFD TABLE 100K 20091028 For Factsage.xls	
1675	Chlorination PFD by WL 20090529.xlsx	USAPTI Office;		Chlorination PFD by WL	
		SVE034297		20090529.xlsx	
1676	PFD Table Chlorination Final.xlsx	USAPTI Office; SVE034297		PFD Table Chlorination Final.xlsx	
1677	PFD-008-FUME DISPOSAL SYSTEM PFD-008 (1).pdf	USAPTI Office; SVE034297		PFD-008-FUME DISPOSAL SYSTEM PFD-008 (1).pdf	
1678	Castable and Liner Temperature profile Calc 100K.xls	USAPTI Office; SVE034297		Castable and Liner Temperature profile Calc 100K.xls	
1679	Chlorine purge calc by Bob according to Crane TP410 updated for 100K.xls	USAPTI Office; SVE034297		Chlorine purge calc by Bob according to Crane TP410 updated for 100K.xls	
1680	Horizontal Tank.xlsm	USAPTI Office; SVE034297		Horizontal Tank.xlsm	
1681	Vendor Correspondance.xlsx	USAPTI Office; SVE034297		Vendor Correspondance.xlsx	
1682	Angle of repose from www.civl.port.ac.uk	USAPTI Office; SVE034297		Sand Angle of repose - Source 1.pdf	
1683	Performance Group SR Condensor Tank calculations	USAPTI Office; SVE034297		SR_CONTACT_CONDENSE R_V-521.pdf	
1684	Performance Group Oxidation Reactor Calculations	USAPTI Office; SVE034297		Oxidation reactor 12-08- 08.pdf	
1685	Oxidation Reactor Assembly	USAPTI Office; SVE034297		Oxidation Reactor.pdf	
1686	Slurry Tank Agitator Design	USAPTI Office; SVE034297		tank_t747.pdf	
1687	Barnes and Noble receipt re textbooks	USAPTI Office	O38-MISC_3-000225		
1688	Ti-Cons TiO2 Chloride Process	Maegerle; Cooper; Ti- Cons Website			
1689	Ti-Cons TiO2 Post Treatment	Cooper; Ti-Cons Website			
1690	Performance Group Pressure Vessel Design Calculations re Aluminum Chloride Generator	USAPTI Office; SVE034297		AlCl3_GENERATOR _rev.pdf	
1691	Industrial Inorganic Pigments by B. Buxbaum and G. Pfaff	Cooper			
1692	Chloride Process Block Flow Diagram	Cooper			
1693	Photograph re search of 2 Crown Court, Orinda, CA			_NBD1609.JPG	
1694	Photograph re search of 2 Crown Court, Orinda, CA	FBI		_NBD1620.JPG	
1695	Photograph re search of 2 Crown Court, Orinda, CA	FBI		_NBD1630.JPG	
1696	Photograph re search of 2 Crown Court, Orinda, CA	FBI		_NBD1647.JPG	
1697	Photograph re search of 2 Crown Court, Orinda, CA	FBI		_NBD1649.JPG	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page141 of 244

1698	Photograph re search of 2 Crown Court, Orinda, CA	FBI		_NBD1679.JPG	
1699	Logs re search of 2 Crown Court, Orinda, CA	FBI			
1700	Photograph re search of 2 Crown Court, Orinda, CA	FBI		_NBD1627.JPG	
1701	Performance Group Bank Records from California Pacific Bank re DDA1110272800	California Pacific Bank			
1702	Misc. Bank Records from California Pacific Bank	California Pacific Bank	GJSUB-033-0003 - GJSUB- 033-0122		
1703	Misc. Bank Records from Bank of America	Bank of America	GJSUB-007-0001 - GJSUB- 007-0976		
1704	Misc. Bank Records from Cathay Bank	Cathay Bank	GJSUB-047-0003 - GJSUB- 047-0283		
1705	Misc. Bank Records from Citibank	Citibank	GJSUB-008-0003 - GJSUB- 008-1177		
1706	East West Bank Records	East West Bank	GJSUB-052-0002.0146 - GJSUB-052-0002.0170		
1707	East West Bank Records	East West Bank	GJSUB-052-0002.0171 - GJSUB-052-0002.0192		
1708	East West Bank Records	East West Bank	GJSUB-052-0002.0193 - GJSUB-052-0002.0201		
1709	East West Bank Records	East West Bank	GJSUB-052-0002.0202 - GJSUB-052-0002.0204		
1710	East West Bank Records	East West Bank	GJSUB-052-0002.0205 - GJSUB-052-0002.0221		
1711	East West Bank Records	East West Bank	GJSUB-052-0002.0222		
1712	Jan. 5, 2012 Email from John Hemann to Ronan Byrne, Timothy Grady, Cynthia Ho, cc'ing Peter Axelrod, Nathan Francis enclosing Bank of China records	Bank of China	GJSUB-109-0004 - 15		
1713	Aug. 9, 2010 Email from Allen Chang to Carmelo Santiago re Facility Vizit with Clients, labeled C2-000091.00076739	Yahoo! Email	C2-000091.00076739		
1714	Dec. 17, 2010 Email Transmittal from Carmelo Santiago to Ruth Oduca re BFM Quotation 3624 Rev. 2, labeled O13-MISC_05-000047 - O13- MISC_05-000048	USAPTI Office	O13-MISC_05-000047 - O13-MISC_05-000048		
1715	Dec. 17, 2010 Email Transmittal from Carmelo Santiago to Ruth Oduca re BFM Quotation 37844 Rev. 1, labeled O13-MISC_05-000049 - O13-MISC_05-000050	USAPTI Office	O13-MISC_05-000049 - O13-MISC_05-000050		
1716	Mar 13, 2006 Email from W. Liew to Maegerle re Heat Exchangers, labeled C2- 000091.00002053	Yahoo! Email	C2-000091.00002053		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page142 of 244

T	I		1			
Nov. 10, 2010 Email from Ruth Oduca to Carmelo Santiago (Benicia Fab) re R-5500 Oxidation Reactor, BFM Quote 3624, labeled C2-000004.00008937 - C2-000004.00008940	Yahoo! Email	C2-00004.00008937 - C2- 000004.00008940				
Dec. 6, 2010 Email from Allen Chang to Ruth Oduca, Mellissa Leon Guerrero, Carmelo Santiago (cc: W. Liew) re Follow up on RFQs (100K Two Reactors with Liners), labeled C2- 000004.00009054 - C2-000004.00009098	Yahoo! Email	C2-00004.00009054 - C2- 000004.00009098				
Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5500 Oxidation Reactor, BFM Quote 3624 Rev. 1, labeled C2- 000004.00009103 - C2-000004.00009106	Yahoo! Email	C2-000004.00009103 - C2- 000004.00009106				
Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5160 Vessel, BFM Quote 37824, labeled C2-000004.00009107, with attachment	Yahoo! Email	C2-00004.00009107, with attachment				
Dec. 17, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re RX-713 and RX-723 Vessels, BFM Quote 3836, labeled C2- 000004.00009225 - C2-000004.00009227	Yahoo! Email	C2-000004.00009225 - C2- 000004.00009227				
Feb. 10, 2011 Email from Allen Chang to Carmelo Santiago; Mellissa Leon Guerrero re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.000102975- C2- 000004.00010299	Yahoo! Email	C2-000004.000102975 - C2- 000004.00010299				
Benicia Fab Website page for Products & Services, http://www.beniciafab.com/products.shtml	Benicia Fab Website					
Benicia Fab website image from wayback machine	WayBack Machine Internet Archive					
Benicia Fabrication website page from wayback machine	WayBack Machine Internet Archive					
Photo taken at Benicia Fabrication located on USAPTI Server	USAPTI Office; SVE034297		IMG_0366.JPG			
Feb. 24, 2011 Email from Allen Chang to Mike McKay re RX-723 R-5500, labeled C2- 000091.00084169	Yahoo! Email	C2-000091.00084169				
Feb. 25, 2011 Email from Allen Chang to Carmelo Santiago re Micron Grinder, labeled C2 000009.00001674 - C2-000009.00001687	Google Email	C2-00009.00001674 - C2- 000009.00001687				
Feb. 28, 2011 Email from Allen Chang to Mike McCay re Thickness for Oxidation Reactor - CS version, labeled C2-000009.00001742	Google Email	C2-000009.00001742 - 43				
	Oxidation Reactor, BFM Quote 3624, labeled C2-000004.00008937 - C2-00004.00008940 Dec. 6, 2010 Email from Allen Chang to Ruth Oduca, Mellissa Leon Guerrero, Carmelo Santiago (cc: W. Liew) re Follow up on RFQs (100K Two Reactors with Liners), labeled C2-000004.00009054 - C2-000004.00009098 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5500 Oxidation Reactor, BFM Quote 3624 Rev. 1, labeled C2-000004.00009103 - C2-000004.00009106 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5160 Vessel, BFM Quote 37824, labeled C2-000004.00009107, with attachment Dec. 17, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re RX-713 and RX-723 Vessels, BFM Quote 3836, labeled C2-000004.00009225 - C2-000004.00009227 Feb. 10, 2011 Email from Allen Chang to Carmelo Santiago; Mellissa Leon Guerrero re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.000102975 - C2-000004.00010299 Benicia Fab Website page for Products & Services, http://www.beniciafab.com/products.shtml Benicia Fab website image from wayback machine Benicia Fabrication website page from wayback machine Photo taken at Benicia Fabrication located on USAPTI Server Feb. 24, 2011 Email from Allen Chang to Mike McKay re RX-723 R-5500, labeled C2-000091.00084169 Feb. 25, 2011 Email from Allen Chang to Carmelo Santiago re Micron Grinder, labeled C2-00009.00001674 - C2-00009.00001687	Carmelo Santiago (Benicia Fab) re R-5500 Oxidation Reactor, BFM Quote 3624, labeled C2-000004.00008937 - C2-000004.00008940 Dec. 6, 2010 Email from Allen Chang to Ruth Oduca, Mellissa Leon Guerrero, Carmelo Santiago (cc: W. Liew) re Follow up on RFQs (100K Two Reactors with Liners), labeled C2- 000004.00009054 - C2-000004.00009098 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5500 Oxidation Reactor, BFM Quote 3624 Rev. 1, labeled C2- 000004.00009103 - C2-000004.00009106 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5160 Vessel, BFM Quote 37824, labeled C2-000004.00009107, with attachment Dec. 17, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re RX-713 and RX-723 Vessels, BFM Quote 3836, labeled C2- 000004.00009225 - C2-000004.00009227 Feb. 10, 2011 Email from Allen Chang to Carmelo Santiago; Mellissa Leon Guerrero re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.000102975- C2- 000004.00010299 Benicia Fab Website page for Products & Services, http://www.beniciafab.com/products.shtml Benicia Fab website image from wayback machine Photo taken at Benicia Fabrication located on USAPTI Server Feb. 24, 2011 Email from Allen Chang to Mike McKay re RX-723 R-5500, labeled C2- 000091.00084169 Feb. 25, 2011 Email from Allen Chang to Mike McKay re RX-723 R-5500, labeled C2- 000091.00084169 Feb. 28, 2011 Email from Allen Chang to Mike McCay re Thickness for Oxidation Reactor - CS	Carmelo Santiago (Benicia Fab) re R-5500	Carmeto Santiago (Benicia Fab) re R-5500 Oxidation Reactor, BFM Quote 3624, labeled C2-000004.00008940 Dec. 6, 2010 Email from Allen Chang to Ruth Oduca, Wellissa Leon Guerrero, Carmelo Santiago (ce. W. Liew) re Foliow up on RFQs (100K Two Reactors with Liners), labeled C2-000004.00009084 Dec. 9, 2010 Email from Mellissa Leon Guerrero Ruth Oduca re R-5500 Oxidation Reactor, BFM Quote 3624 Rev. 1, labeled C2-000004.00009103 - C2-000004.00009103 - C2-000004.00009103 - C2-000004.00009103 - C2-000004.00009105 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5160 Vessel, BFM Quote 37824, labeled C2-000004.00009107, with attachment Dec. 17, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.00009227 Feb. 10, 2011 Email from Allen Chang to Carmelo Santiago; Mellissa Leon Guerrero re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.00009227 Feb. 10, 2011 Email from Allen Chang to Carmelo Santiago; Mellissa Leon Guerrero re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.000102975 - C2-000004.00010299 Benicia Fab Website page for Products & Services, http://www.beniciafab.com/products.shtml Benicia Fab Website page for products & Services, http://www.beniciafab.com/products.shtml Benicia Fabrication website page from wayback machine WayBack Machine Intermet Archive WayBack Machine Intermet	Carmelo Santiago (Benicia Fab) re R-5500 Oxidation Reactor, BFM Quote 3624, labeled C2-000004.00008937 - C2-000004.00008940 Dec. 6, 2010 Email from Allen Chang to Ruth Oduca, Mellissa Leon Guerrero, Carmelo Sontiago (Cz. W. Liew) re Follow up on RFQs (100K Two Reactors with Liners), labeled C2-000004.00009054 - C2-000004.00009098 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5500 Oxidation Reactor, BFM Quote 3624 Rev. 1, labeled C2-000004.00009103 - C2-000004.00009103 - C2-000004.00009105 - C2-000004.00009106 Dec. 9, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5160 Vessel, BFM Quote 3824, labeled C2-000004.00009107, with attachment Dec. 17, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-5160 Vessel, BFM Quote 3836, labeled C2-000004.00009227 Dec. 17, 2010 Email from Mellissa Leon Guerrero to Ruth Oduca re R-718 and R-723 Vessels, BFM Quote 3836, labeled C2-000004.00009227 Dec. 10, 2011 Email from Allen Chang to Carmelo Santiago: Mellissa Leon Guerrero to Ruth Oduca re R-718 and R-723 Vessels, BFM Quote 3836 (abeled C2-000004.00009225 - C2-000004.00010299 Dec. 10, 2011 Email from Mellies Leon Guerrero re RX-713 and RX-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.00010299 Dec. 10, 2011 Email from Mellies Leon Guerrero re RX-713 and R-723 Vessels, BFM Quote 3836 Rev. 1, labeled C2-000004.00010299 Dec. 10, 2011 Email from Allen Chang to Make WayBack Machine Internet Archive Under the Machi	Carmelo Santiago (Benicia Fab) re R-5500

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page143 of 244

1730	Feb. 25, 2011 Quotation from Lortz Manufacturing to Allen Chang, labeled O13- MISC_11-000061 - O13-MISC_11-000064	USAPTI Office	O13-MISC_11-000061 - O13-MISC_11-000064		
1731	June 6, 2011 Letter of Intent from USAPTI to Lortz Manufacturing, labeled O13-MISC_11- 000054 - O13-MISC_11-000055	USAPTI Office	O13-MISC_11-000054 - O13-MISC_11-000055		
1732	June 23, 2011 Lortz Manufacturing Purchase Order for USAPTI, labeled O13-MISC_11- 000050 - O13-MISC_11-000051	USAPTI Office	O13-MISC_11-000050 - O13-MISC_11-000051		
1733	Jun Mendiola binder cover	USAPTI Office	O47-BINDER_SKETCHES- 000001 □ - □ O47- BINDER_SKETCHES- 000002 □		
1734	Pipe Flanges and Flanged Fitting	USAPTI Office	O47-BINDER_SKETCHES- 000003 □ -□ O47- BINDER_SKETCHES- 000010 □		
1735	Applicable Codes for Metallic Fittings	USAPTI Office	O47-BINDER_SKETCHES- 000011□ -□ O47- BINDER_SKETCHES- 000014□		
1736	Smorgon Steel Pipeline Supplies	USAPTI Office	O47-BINDER_SKETCHES- 000015□ -□ O47- BINDER_SKETCHES- 000017□		
1737	Thermometrics Flanges	USAPTI Office	O47-BINDER_SKETCHES- 000018□ -□ O47- BINDER_SKETCHES- 000021□		
1738	API Standard 650	USAPTI Office	O47-BINDER_SKETCHES- 000022□ -□ O47- BINDER_SKETCHES- 000024□		
1739	Chlorinator Drawings	USAPTI Office	O47-BINDER_SKETCHES- 000025□ -□ O47- BINDER_SKETCHES- 000037□		
1740	Cover page re Jun Mendiola Latest Drawings with Marked Ups	USAPTI Office	O47-BINDER_SKETCHES- 000038□ -□ O47- BINDER_SKETCHES- 000038□		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page144 of 244

1741	Drawing List	USAPTI Office	O47-BINDER_SKETCHES-		
-,			000039□ -□ O47-		
			BINDER_SKETCHES-		
			000043 □		
1742	Nozzle drawings	USAPTI Office	047-BINDER_SKETCHES- 000044 047-		
			BINDER_SKETCHES-		
			000047 \(\text{}		
1743	Chlorinator drawing and notes	USAPTI Office	O47-BINDER_SKETCHES-		
			000048□ -□ O47-		
			BINDER_SKETCHES-		
			000050□		
1744	Chlorinator drawing and notes	USAPTI Office	O47-BINDER_SKETCHES-		
1,	emormator arawing and notes	obia ii ome	000051□ -□ O47-		
			BINDER_SKETCHES-		
			000052□		
1745		LICADEL OCC	047 DINIDED GRETCHEG		
1745	Chlorinator drawing and notes	USAPTI Office	047-BINDER_SKETCHES- 000053 047-		
			BINDER_SKETCHES-		
			000068		
1746	Chlorinator drawing and notes	USAPTI Office	O47-BINDER_SKETCHES-		
			000069□ -□ O47-		
			BINDER_SKETCHES- 000070□		
			000070		
1747	Chlorinator drawing and notes	USAPTI Office	O47-BINDER_SKETCHES-		
			000071□ -□ O47-		
			BINDER_SKETCHES-		
			000074□		
1748	Chlorinator drawing and nates	USAPTI Office	O47-BINDER_SKETCHES-		
1746	Chlorinator drawing and notes	USAFTIOIIICE	000075 - 047-		
			BINDER_SKETCHES-		
			000079 🗆		
1749	SpiralJet Spray Nozzles brochure	USAPTI Office	O47-BINDER_SKETCHES-		
			000080 - O47-		
			BINDER_SKETCHES- 000084□		
1750	Chlorinator drawing and notes	USAPTI Office	O47-BINDER_SKETCHES-		
			000085□ -□ O47-		
			BINDER_SKETCHES-		
			000088□		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page145 of 244

1751	Transfer Pipe Quality Assurance Block	USAPTI Office	O47-BINDER_SKETCHES- 000089□ -□ O47- BINDER_SKETCHES- 000096□
1752	Chlorinator drawing and notes	USAPTI Office	O47-BINDER_SKETCHES- 000097 □ - □ O47- BINDER_SKETCHES- 000098 □
1753	Compress Pressure Vessel Design Calculations	USAPTI Office	O47-BINDER_SKETCHES- 000099□ -□ O47- BINDER_SKETCHES- 000126□
1754	Chlorinator drawings and notes	USAPTI Office	O47-BINDER_SKETCHES- 000127 - O47- BINDER_SKETCHES- 000134
1755	Chlorinator Preliminary Report	USAPTI Office	O47-BINDER_SKETCHES- 000135 □ -□ O47- BINDER_SKETCHES- 000136 □
1756	Pressure Vessel Design Calculations	USAPTI Office	O47-BINDER_SKETCHES- 000137 □ -□ O47- BINDER_SKETCHES- 000155 □
1757	Equipment charts and specifications	USAPTI Office	O47-BINDER_SPECS- 000001
1758	Equipment specifications	USAPTI Office	O47-BINDER_SPECS- 000101
1759	Equipment specifications	USAPTI Office	O47-BINDER_SPECS- 000201
1760	Equipment specifications	USAPTI Office	O47-BINDER_SPECS- 000300
1761	March 8, 2011 Letter of Intent from USAPTI to Lortz Manufacturing, labeled O13-MISC_05- 000027 - O13-MISC_05-000046	USAPTI Office	O13-MISC_05-000027 - O13-MISC_05-000046

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page146 of 244

1762	Oct. 11, 2005 Email from W. Liew to Eddy Lee re TiO2. labeled C2-000091.00000908	Yahoo! Email	C2-000091.00000908		
1763	Jan. 10, 2011 Email from Matthew DelPizzo (Delta Ducon) to Maegerle re Data Sheet and Ni-Hard Spec, labeled C2-000006.00009716 - C2-000006.00009721	Yahoo! Email	C2-000006.00009716 - C2- 000006.00009721		
1764	June 21, 2011 Email from W. Liew to Allen Chang re 100K Project Draft Technical Annexes - Rotary Valce, labeled C2-000007.00026809 - C2-000007.00026841	Google Email	C2-00007.00026809 - C2- 000007.00026841		
1765	Jan. 6, 2011 Email from W. Liew to Maegerle re Rotary Valve, labeled C2-000091.00057570	Yahoo! Email	C2-000091.00057570		
1766	Feb. 18, 2011 Email from W. Liew to Maegerle re USA PERFORMANCE Tech Quote, labeled C2-000091.00058299 - C2-000091.00058310	Yahoo! Email	C2-000091.00058299 - C2- 000091.00058310		
1767	Mar. 29, 2011 Email from W. Liew to David Luzan re Rotary Valves MD11C848, labeled C2- 000091.00058738 - C2-000091.00058739	Yahoo! Email	C2-000091.00058738 - C2- 000091.00058739		
1768	June 20, 2011 Email from W. Liew to Allen Chang re Draft Technical Annexes on Screw Pneumatic Pump, labeled C2-000007.00026601 -C2-000007.00026633	Google Email	C2-00007.00026601 - C2- 000007.00026633		
1769	Feb. 10, 2006 Email from W. Liew to Zisko, Ernie Nelson, Maegerle re P.O. and LC, labeled C2-000091.00001484 -C2-000091.00001487	Yahoo! Email	C2-000091.00001484 - C2- 000091.00001487		
1770	Apr. 4, 2006 Email from W. Liew to Ernie Nelson re Ore/Coke Feed rate range, labeled C2- 000091.00002359	Yahoo! Email	C2-000091.00002359		
1771	Feb. 15, 2006 Email from Ray Worthington to Zisko re Project 2005 PGJT RFP 002, labeled C2-000091.00022175 - C2-000091.00022200	Yahoo! Email	C2-000091.00022175 - C2- 000091.00022200		
1772	July 6, 2011 Quotation for Lortz from Thermal Ceramics, Inc., labeled O13-MISC_11-000030 - O13-MISC_11-000042	USAPTI Office	O13-MISC_11-000030 - O13-MISC_11-000042		
1773	Feb. 18, 2011 Quotation for Lortz from Thermal Ceramics, Inc., labeled O13-MISC_11-000069	USAPTI Office	O13-MISC_11-000069		
1774	Sep. 26, 2005 Email from Joe Muscolino to Zisko re Micronizer Description, labeled C2- 000091.00020084 -C2-000091.00020088	Yahoo! Email	C2-000091.00020084 - C2- 000091.00020088		
1775	Apr. 22, 2007 Email from R. Maegerle to W. Liew re Sturtevant Specification, labeled C2-000091.00028395	Yahoo! Email	C2-000091.00028395		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page147 of 244

1776	Feb. 16, 2011 Email from David Luzan to W. Liew re 30K Project, labeled C2- 000091.00083535 - C2-000091.00083543	Yahoo! Email	C2-000091.00083535 - C2- 000091.00083543		
1777	Sturtevant brochure re Pin Mills, labeled H19- PROVEN_PERFORMERS-000003 - H19- PROVEN_PERFORMERS-000008	Liew Residence	H19- PROVEN_PERFORMERS- 000003 - H19- PROVEN_PERFORMERS- 000008		
1778	Sturtevant Proven Performers brochure, labeled O28-STURTEVANT-000002 - O28- STURTEVANT-000015	USAPTI Office	O28-STURTEVANT- 000002 - O28- STURTEVANT-000015		
1779	Sturtevant Titanium Dioxide Micronizer brochure and Sturtevant Micronizer Operating Manual for Performance Group (Rev. 5/9/06), labeled O28-STURTEVANT-000016 - O28- STURTEVANT-000061	USAPTI Office	O28-STURTEVANT- 000016 - O28- STURTEVANT-000061		
1780	Sturtevant Drawing re Micronizer with Dust Collector, labeled C2-000091.00005703	Yahoo! Email	C2-000091.00005703		
1781	June 9, 2010 Email from W. Liew to Ruth Oduca re Pump curves from Lawrence Pumps, labeled C2-000004.00006445 - C2- 000004.00006467	Yahoo! Email	C2-000004.00006445 - C2- 000004.00006467		
1782	Lawrence Pumps brochure, labeled 1B033- PUMPS-000105 - 1B033-PUMPS-000113	Maegerle Residence	1B033-PUMPS-000105 - 1B033-PUMPS-000113		
1783	Lawrence Pumps Drawings of Vertical Cantilever Pumps, labeled 1B033-PUMPS- 000123 - 1B033-PUMPS-000124	Maegerle Residence	1B033-PUMPS-000123 - 1B033-PUMPS-000124		
1784	Jan. 4, 2010 Email from Paul Pazzanese to Ruth Oduca re Lawrence Pumps Information and Contact Information, labeled C2- 000004.00004075 - C2-000004.00004081	Yahoo! Email	C2-000004.00004075 - C2- 000004.00004081		
1785	June 28, 2011 Email from Nick Sirois to Ruth Oduca re TiCl4 Pumps Maximum Pump Head, labeled C2-000004.00011586 - C2- 000004.00011588	Yahoo! Email	2-000004.00011586 - C2- 000004.00011588		
1786	May 12, 2006 Email from W. Liew to Maegerle re Lawrence Pumps 2nd batch of drawings, labeled C2-000091.00002968 - C2- 000091.00002976	Yahoo! Email	C2-000091.00002968 - C2- 000091.00002976		
1787	May 21, 2006 Email from W. Liew to Maegerle re Flow Rates for Lawrence Pumps, labeled C2- 000091.00003211	Yahoo! Email	C2-000091.00003211		
1788	July 5, 2006 Lawrence Pumps Commercial Invoice to Performance Group, labeled H19- MISC_1-000223	Liew Residence	H19-MISC_1-000223		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page148 of 244

1789	June 2006 Performance Group Equipment Specifications re Contact Condenser Pump, labeled O15-EQUIP_SPEC_VOL_2-000096 - O15-EQUIP_SPEC_VOL_2-000098	USAPTI Office	O15-EQUIP_SPEC_VOL_2- 000096 - O15- EQUIP_SPEC_VOL_2- 000098		
1790	June 2006 Performance Group Equipment Specifications re Crude TiCl4 Pump A, labeled O15-EQUIP_SPEC_VOL_2-000123 - O15- EQUIP_SPEC_VOL_2-000125	USAPTI Office	O15-EQUIP_SPEC_VOL_2- 000123 - O15- EQUIP_SPEC_VOL_2- 000125		
1791	June 2006 Performance Group Equipment Specifications re Purge Pump, labeled O15- EQUIP_SPEC_VOL_2-000228- O15- EQUIP_SPEC_VOL_2-000230	USAPTI Office	O15-EQUIP_SPEC_VOL_2- 000228 - O15- EQUIP_SPEC_VOL_2- 000230		
1792	Sep. 18, 2006 FES International drawing of Drive Assy for Performance Group, labeled C2- 000091.00005496	Yahoo! Email	C2-000091.00005496		
1793	Mar. 4, 2009 Email from W. Liew to Maegerle re Estimate on Reactor and AlC3 Generator, labeled C2-00006.00006707 - C2-000006.00006743	Yahoo! Email	C2-00006.00006707 - C2- 000006.00006743		
1794	Apr. 21, 2006 Email from W. Liew to Carl Linnecke re More info on Spray Machine, labeled C2-000091.00002449 - C2- 000091.00002452	Yahoo! Email	C2-000091.00002449 - C2- 000091.00002452		
1795	Aug. 30, 2006 Email from W. Liew to Carl Linnecke re Shaft Diameter, labeled C2- 000091.00005278 - C2-000091.00005279	Yahoo! Email	C2-000091.00005278 - C2- 000091.00005279		
1796	Sept. 13, 2006 Email from Carl Linnecke to W. Liew re Spray dryer disperser, labeled C2- 00009100005374	Yahoo! Email	C2-00009100005374		
1797	Sep. 21, 2006 Email from W. Liew to Maegerle re Spray Machine, labeled C2-000091.00005495 -C2-000091.00005496	Yahoo! Email	C2-000091.00005495 - C2- 000091.00005496		
1798	Apr. 19, 2006 Email from W. Liew to Richard Smith re Spray Machine, labeled C2- 000091.00002414	Yahoo! Email	C2-000091.00002414		
1799	FES International Drawing for Performance Group re Final Assembly TiCL4 Spray Machine, labeled C2-000091.00005990	Yahoo! Email	C2-000091.00005990		
1800	Dec. 15, 2010 Email from Allen Chang to Vic Moszczynski (Lortz) re USAPTI fabrication job, labeled C2-00004.00009131 - C2- 000004.00009219	Yahoo! Email	C2-00004.00009131 - C2- 000004.00009219		
1801	MikroPul drawing, labeled H9_BAG_HOUSE-000007	Liew Residence	H9_BAG_HOUSE-000007		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page149 of 244

1802	Mar. 22, 2011 Email from W. Liew to Maegerle re Oxidation Bag Filters - Summary of findings, labeled C2000091.00058626 -	Yahoo! Email	C2000091.00058626 - C2000091.00058643			
1803	C2000091.00058643 June 7, 2010 Email from W. Liew to Allen Chang re Performance Group Proposal, labeled C2-000091.00018350 - C2-000091.00018355	Yahoo! Email	C2-000091.00018350 - C2- 000091.00018355			
1804	Feb. 16, 2011 from Allen Chang to Maegerle re Recent Quotes, labeled C2-000009.00000770 - C2-000009.00000833	Google Email	C2-00009.00000770 - C2- 000009.00000833			
1805	June 22, 2011 Email from David Luzan to W. Liew re MikroPul, labeled C2- 000008.00017397 - C2-000008.00017402	Google Email	C2-000008.00017397 - C2- 000008.00017402			
1806	Jan. 6, 2009 Email from Brijesh Bhatnagar to W. Liew; Maegerle re Performance Group proposal for Oxidation Bag Filters, labeled C2- 000006.00004769 - C2-000006.00004774	Yahoo! Email	C2-00006.00004769 - C2- 000006.00004774			
1807	Oct. 29, 2010 Email from Allen Chang to W. Liew re MickroPul, labeled C2- 000004.00008813 - C2-000004.00008824	Yahoo! Email	C2-000004.00008813 - C2- 000004.00008824			
1808	Sep. 13, 2010 Email from Allen Chang to Ruth Oduca; W. Liew; Kchan re MickroPul, labeled C2-000004.00008594 - C2-000004.00008607	Yahoo! Email	C2-000004.00008594 - C2- 000004.00008607			
1809	Mar. 2, 2011 Email from W. Liew to Maegerle re Revised Oxidation Filter Proposal for Jin Zhou 30K Project, labeled C2- 000006.00009948 - C2-000006.00009954	Yahoo! Email	C2-00006.00009948 - C2- 000006.00009954			
1810	Dec. 9, 2008 MikroPul quotation to Performance Group, labeled 1B024- OXID_BAG_FILTERS-000016 - 1B024- OXID_BAG_FILTERS-000019	Maegerle Residence	1B024- OXID_BAG_FILTERS- 000016 - 1B024- OXID_BAG_FILTERS- 000019			
1811	Jul. 7, 2011 Thermal Ceramics Quotation	USAPTI Office; SVE034297		100k Reactor and Generator Ceramics - Thermal Ceramics.pdf		
1812	Jan. 4, 2011 Benicia Fab AlCl3 Generator Quote	USAPTI Office; SVE034297		Benicia Fab AlCl3 including refractory - 1_05_2011.PDF		
1813	FLSmidth Proposal to USAPTI	USAPTI Office; SVE034297		10-48370 Proposal.pdf		
1814	Claudius Peters Pump drawing	USAPTI Office; SVE034297		309-0000-1031A-06-ED.pdf		
1815	Claudius Peters Data Sheet	USAPTI Office; SVE034297		Claudius Peter DS.pdf		
1816	Steuler Data Sheet	USAPTI Office; SVE034297		DB-E-ANT 44 (4806).pdf		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page150 of 244

1817	Durrath HD 45 Data Sheet	USAPTI Office; SVE034297		Durrath HD-45.pdf	
1818	RHI Data Sheet	USAPTI Office; SVE034297		URBLOCK_FS98W_0_3_ohn e_Hauptanwendungen_ISO_E N[1].pdf	
1819	Quantum Quote	USAPTI Office; SVE034297		QIG Proposal 1020-1-GS to USA Performance - Dec 1st, 2010.pdf	
1820	Thayer Bill of Material, labeled O13-MISC_12-000019 -O13-MISC_12-000026	USAPTI Office	O13-MISC_12-000019 - O13-MISC_12-000026		
1821	Feb. 14, 2011 Clyde Bergemann Delta Ducon Letter to USAPTI	USAPTI Office; SVE034297		MD11C848_Quote.pdf	
1822	Caldera Engineering Drawing	USAPTI Office; SVE034297		10065AGADSept14.PDF	
1823	Sep. 2010 Caldera Control Valve Data Sheet	USAPTI Office; SVE034297		Valve_data_sheet_USAPT - Sept 14, 2010.pdf	
1824	CeraValve Drawing	USAPTI Office; SVE034297		Q103959 Chlorinator 8inch 300lbs - 04_04_2011.pdf	
1825	June 8, 2011 SR Technologies Quote	USAPTI Office; SVE034297		20110328-TT01-QT03- PTIOCA.pdf	
1826	Mayer Drawing	USAPTI Office; SVE034297		Intensive Nitrogen Cooling System.pdf	
1827	Spraying Systems Co. Drawing	USAPTI Office; SVE034297		PD54319-001 Rev1.pdf	
1828	Lawrence Pump Data Sheet	USAPTI Office; SVE034297		Lawrence Pump DS.pdf	
1829	Petrochem Technical Annex for TiCl4 Fluid Differential Temperature Processing Unit (TiCl4 Heater)	USAPTI Office; SVE034297		F-10-1998, Annex 01-12, Pangang, TiCl4 Heater.pdf	
1830	Petrochem Technical Annex for O2 Fluid Differential Temperature Processing Unit (O2Heater)	USAPTI Office; SVE034297		F-10-1999, Annex 01-12, Pangang, Oxygen Heater.pdf	
1831	Lawrence Pump brochure	USAPTI Office; SVE034297		Lawrence_Pumps[1].pdf	
1832	Lawrence Pumps Zero Emission Slurry Pumps brochure	USAPTI Office; SVE034297		Canned%20Motor%20Brochu re.pdf	
1833	Oct. 3, 2006 letter from W. Liew to Lawrence Pumps	USAPTI Office; SVE034297		Letter to Lawrence Pumps.pdf	
1834	Lawrence Pumps Series 5100 Submersible brochure	USAPTI Office; SVE034297		Subm_Series_5100_Brochure[1].pdf	
1835	Notes about vertical cantilever pump from Lawrence Pumps	USAPTI Office; SVE034297		Vertical Cantilever Pump.doc	
1836	Jul. 11, 2011 Industrial Screw Conveyor Invoice	USAPTI Office; SVE034297		USA Performance Technology Inc.pdf	
1837	Sept. 20, 2006 Letter from W. Liew to Chempump	USAPTI Office; SVE034297		Purahcse Order and Drawing Approval 20060920.pdf	
1838	May, 4, 2006 Delta Ducon Quote	USAPTI Office; SVE034297		512147C_Quote Rev 1.pdf	

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page151 of 244

1839	Financial records	Bank of America	□ GJSUB-007- 0560□ □□ GJSUB-007- 0560□
1840	Financial records	Bank of America	□ GJSUB-007- 0562 □ □ GJSUB-007- 0562 □
1841	Financial records	Bank of America	□ GJSUB-007- 0564□ □ GJSUB-007- 0564□
1842	Financial records	Bank of America	□ GJSUB-007- 0566□ □ GJSUB-007- 0566□
1843	Financial records	Bank of America	□ GJSUB-007- 0574 □ □ GJSUB-007- 0574 □
1844	Financial records	Bank of America	□ GJSUB-007- 0576□ □ GJSUB-007- 0576□
1845	Financial records	Bank of America	□ GJSUB-007- 0578□ □ GJSUB-007- 0578□
1846	Financial records	Bank of America	□ GJSUB-007- 0580□ □ GJSUB-007- 0580□
1847	Financial records	Bank of America	□ GJSUB-007- 0585□ □ GJSUB-007- 0585□
1848	Financial records	Bank of America	□ GJSUB-007- 0587□ □ GJSUB-007- 0587□
1849	Financial records	Bank of America	□ GJSUB-007- 0589□ □ GJSUB-007- 0589□
1850	Financial records	Bank of America	□ GJSUB-007- 0591 □ □ GJSUB-007- 0591 □
1851	Financial records	Bank of America	□ GJSUB-007- 0593 □ □ GJSUB-007- 0593 □
1852	Financial records	Bank of America	□ GJSUB-007- 0595□ □ GJSUB-007- 0595□
1853	Financial records	Bank of America	□ GJSUB-007- 0597□ □□ GJSUB-007- 0597□
1854	Financial records	Bank of America	□ GJSUB-007- 0599□ □ GJSUB-007- 0599□
1855	Financial records	Bank of America	□ GJSUB-007- 0601 □ □ GJSUB-007- 0601 □

Case3:11-cr-00573-JSW Dogwegt661 Filed01/06/14 Page152 of 244

1856	Financial records	Bank of America	□ GJSUB-007-		
1630	Financial records	Bank of America	0604□ □ GJSUB-007-		
			0604		
1057	E 1 1	A 1	1111		
1857	Financial records	Ameritrade	GJSUB-048-		
			0004.0175		
			0004.0175 🗆		
1858	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0176□ □□ GJSUB-048-		
			0004.0176□		
1859	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0177□ □□ GJSUB-048-		
			0004.0177□		
1860	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0178□ □□ GJSUB-048-		
			0004.0178□		
1861	Financial records	Ameritrade	□ GJSUB-048-		
1001	i manetar records	rimeritade	0004.0179□ □ GJSUB-048-		
			0004.0179		
1862	Financial records	Ameritrade	□ GJSUB-048-		
1002	Financial fecolds	Amerirade			
			0004.0180		
40.00	= 1 1 1		0004.0180		
1863	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0181□ □□ GJSUB-048-		
			0004.0181 🗆		
1864	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0182□ □□ GJSUB-048-		
			0004.0182 🗆		
1865	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0183□ □□ GJSUB-048-		
			0004.0183□		
1866	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0184□ □□ GJSUB-048-		
			0004.0184□		
1867	Financial records	Ameritrade	□ GJSUB-048-		
1007	T Manetan records	T Americane	0004.0185□ □□ GJSUB-048-		
			0004.0185		
1868	Financial records	Ameritrade	□ GJSUB-048-		
1000	i maneiai iecoius	Ameridade	0004.0186□ □□ GJSUB-048-		
			0004.0186 GJSUB-048-		
10.00	F 1	A '. 1			
1869	Financial records	Ameritrade	GJSUB-048-		
			0004.0189		
			0004.0189		
1870	Financial records	Ameritrade	□ GJSUB-048-		
			0004.0190□ □ GJSUB-048-		
			0004.0190□		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page153 of 244

1871	Financial records	Liew Residence	□ H26- CALIFORNIA_PACIFIC_B ANK_2006_2- 000177□ □□ H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000178□		
1872	Financial records	Liew Residence	□ H26- CALIFORNIA_PACIFIC_B ANK_2006_2- 000183□ □ H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000184□		
1873	Financial records	Liew Residence	□ H26- CALIFORNIA_PACIFIC_B ANK_2006_2- 000192□ □ H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000193□		
1874	Financial records	Liew Residence	□ H26- CALIFORNIA_PACIFIC_B ANK_2006_2- 000194□ □ H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000197□		
1875	Financial records	Liew Residence	□ H29-ITEM_25- 000367□ □ H29-ITEM_25- 000370□		
1876	Financial records	Liew Residence	□ H29-ITEM_25- 000371 □ □ H29-ITEM_25- 000376 □		
1877	Financial records	Liew Residence	□ H29-ITEM_25- 000381□ □□ H29-ITEM_25- 000386□		
1878	Financial records	Liew Residence	□ H29-ITEM_25- 000387□ □ H29-ITEM_25- 000392□		
1879	Financial records	Liew Residence	□ H29-ITEM_25- 000406□ □ H29-ITEM_25- 000409□		
1880	Financial records	Liew Residence	□ H29-ITEM_25- 000412□ □ H29-ITEM_25- 000415□		
1881	Financial records	USAPTI Office	□ 014-WHITE_BINDER_1- 000001 □ □ 014- WHITE_BINDER_1- 000043 □		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page154 of 244

1883						
	QuickBooks Reconciliations	Cox		Exhibit 4 to Report of Gerald		
				Cox		
1884	Reconciliations of Bank Records	Cox		Exhibit 5 to Report of Gerald		
				Cox		
1885	Aug. 31, 2010 Differential Pressure flow	USAPTI Office;				
1000	transmitters	sve034297;				
		Instrument Data				
		Sheets - Jan 2011				
		Book 2.pdf				
1886	LT Differential Pressure type	USAPTI Office;				
1000	Er Billerendar Flessure type	sve034297;				
		Instrument Data				
		Sheets - Jan 2011				
		Book 3 (5xx).pdf				
1007	Aug. 31, 2010 Differential Pressure Instruments					
1887	Aug. 31, 2010 Differential Pressure Instruments	sve034297;				
		Instrument Data				
		Sheets - Jan 2011				
		Book 3 (6xx).pdf				
1888	Thermocouple and Thermowell	USAPTI Office;				
		sve034297;				
		Instrument Data				
		Sheets - Jan 2011				
		Book 3 (7xx).pdf				
1889	Sept. 2009 Preliminary Connectected Motor List					
	and Electrical Loads	sve034297;				
		Preliminary Motor				
		List and Electrical				
		Loads_12-28-				
		2009.pdf				
1890	Ti-Pure Titanium Dioxide Determination of	USAPTI Office;				
	Screen Pack Dispersion of Titanium Dioxide	sve034297;				
		70percent_Determina				
		tion_of_Screenpack_				
		Dispersion.pdf				
1891	Jan. 30, 1999 Letter from B. Maegerle to W.	Bank of East Asia				
	Liew re China TiO2 Venture	Safe Deposit Box;				
		SVE034332; Bob's				
		recommend for Jim				
		Wheeler and Jim				
		resume.doc				
1892	June 7, 2010 Email from W. Liew to Milton	Yahoo! Email	C2-000004.00006342 - C2-			
10,2	Jones re Screw Conveyors, labeled C2-	Tunoo. Zimui	000004.00006371			
	000004.00006342 - C2-000004.00006371		00000 11000000571			
	52 0000 1.0000071					
1893	Apr. 5, 2011 Email from Kirti Desai to Allen	Google Email	C2-000008.00010785 - C2-			
1093	Chang re Revised Quote Inconel 600, labeled	Google Email	000008.00010785 - C2-			
	C2-000008.00010785 - C2-000008.00010795		000000.00010793			
						I .

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page155 of 244

1894	Jul. 1, 2011 Email from Kirti Desai to Allen Chang re Final Quote for 30K Project, labeled C2-000008.00018546 - C2-000008.00018558	Google Email	C2-00008.00018546 - C2- 000008.00018558		
1895	Jul. 11, 2011 Email from Kirti Desai to Allen Chang re Quote for 100K project screw conveyors, labeled C2-000008.00019562 - C2- 000008.00019585	Google Email	C2-00008.00019562 - C2- 000008.00019585		
1896	Feb. 15, 2011 Email from Allen Chang to W. Liew re Quote for Inconel Screw Conveyors, labeled C2-000091.00083431 - C2- 000091.00083440	Yahoo! Email	C2-000091.00083431 - C2- 000091.00083440		
1897	Feb. 17, 2011 Email from Allen Chang to Kirti Desai re Quote for Inconel Screw Conveyors, labeled C2-000091.00083567 - C2- 000091.00083568	Yahoo! Email	C2-000091.00083567 - C2- 000091.00083568		
1898	Aug. 15, 2011 Email from Bill Skiles to Allen Chang re Approval Drawings, labeled C2- 000091.00094718 - C2-000091.00094720	Yahoo! Email	C2-000091.00094718 - C2- 000091.00094720		
1899	Jan. 20, 2011 USAPTI Equipment Specifications re Degassing Screw Conveyor re Contract No . 09USSCY32PGTY24	USAPTI Office; O30			
1900	Sep. 5, 2008 Proposal for Performance USA, Inc. from Fisher-Klosterman, labeled 1B024- OXID_BAG_FILTERS-000006 - 1B024- OXID_BAG_FILTERS-000012	Maegerle Residence	1B024- OXID_BAG_FILTERS- 000006 - 1B024- OXID_BAG_FILTERS- 000012		
1901	Drawing, labeled 1B024-OXID_BAG_FILTERS 000047 - 1B024-OXID_BAG_FILTERS 000052	Maegerle Residence	1B024- OXID_BAG_FILTERS- 000047 - 1B024- OXID_BAG_FILTERS- 000052		
1902	Oct. 1, 2010 Email from Allen Chang to W. Liew; Ruth Oduca re FKI Proposal #FKP-2008- 0306-01, Rev. 2, labeled C2-000004.00008765 - C2-000004.00008774	Yahoo! Email	C2-000004.00008765 - C2- 000004.00008774		
1903	Nov. 10, 2008 Email from Stephen Amerine to Maegerle re Dust Collector Proposals, labeled C2-000006.00003832 - C2-000006.00003840	Yahoo! Email	C2-00006.00003832 - C2- 000006.00003840		
1904	Dec. 2, 2008 Email from Stephen Amerine to W. Liew; Brijesh Bhatnagar; Maegerle re China Baghouse, labeled C2-000006.00004143 - C2-000006.00004144	Yahoo! Email	C2-00006.00004143 - C2- 000006.00004144		
1905	June 22, 2011 Email from W. Liew to Dennis Roederer re LOI BG-733, labeled C2- 000008.00017456 - C2-000008.00017458	Google Email	C2-000008.00017456 - C2- 000008.00017458		

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page156 of 244

	1	I		1	
1906	July 8, 2011 Email from Dennis Roederer to Allen Chang re 2008-0306 Rev. 8, labeled C2- 000008.00019271 - C2-000008.00019272	Google Email	C2-000008.00019271 - C2- 000008.00019272		
1907	Herding Document "Oxidation Bag Filters" labeled H9-BAG_HOUSE-000031 - H9- BAG_HOUSE-000032	Liew Residence	H9-BAG_HOUSE-000031 - H9-BAG_HOUSE-000032		
1908	Pell, Mel and Dunson, James. "Gas Solid Operation and Equipment" McGraw Hill, 1999, pp. 17-1 - 17-60.	USAPTI Office: SVE034297; CHAP17.PDF			
1909	U.S. Patent No. 2005/0147472 A1				
1910	Jinzhou Plant image				
1911	Paper by H.M. Harris et al. "Process for Chlorination of Titanium Bearing Materials And For Dechlorination of Iron Chlorine" Chapter 44, pp. 693 - 712.				
1912	US Patent No. 5,389,353				
1913	U.S. Patent No. 2, 446,181				
1914	U.S. Patent No. 5,201,949				
1916	Thermal Ceramics Product Overview Sheet	Liew Residence or USAPTI Office			
1917	Oct. 7, 2008 Email from W. Liew to Maegerle re TiO2 Lamella Project, labeled C2- 000091.00015053 - C2-000091.00015055	Yahoo! Email	C2-000091.00015053 - C2- 000091.00015055		
1918	Sep. 25, 2008 Email from Stephen Amerine to Maegerle re Jeff Kerner, labeled C2- 000091.00014070	Yahoo! Email	C2-000091.00014070		
1919	Stephen Amerine Composition Book, labeled H9-STEPHEN_AMERINE_09-08-08-000001 - H9-STEPHEN_AMERINE_09-08-08-000028	Liew Residence	H9- STEPHEN_AMERINE_09- 08-08-000001 - H9- STEPHEN_AMERINE_09- 08-08-000028		
1920	Stephen Amerine Composition Book, labeled H9-STEPHEN_AMERINE-000001 - H9- STEPHEN_AMERINE-000013	Liew Residence	H9-STEPHEN_AMERINE- 000001 - H9- STEPHEN_AMERINE- 000013		
1921	Dec. 17, 2012 Email from Stephen Amerine to Kevin Phelan re Blair, labeled C2-003925 - C2- 003926	Amerine	C2-003925 - C2-003926		
1922	Documents produced by Steve Amerine	Amerine	C2-003899 - C2-003917		
1923	Edward Cairns C.V. from Condux, labeled H23- WHITE_BINDER_1-000023 - H23- WHITE_BINDER_1-000024		WHITE_BINDER_1-000023 - H23-WHITE_BINDER_1- 000024		
1924	Jul. 26, 2010 Handwritten notes	USAPTI Office	O5-MEETING_NOTES- 000103 - O5- MEETING_NOTES-000110		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page157 of 244

1925	Aug. 6, 2010 Handwritten notes	USAPTI Office	05-MEETING_NOTES- 000098 - O5- MEETING_NOTES-000100		
1926	Sep. 30, 2010 Handwritten notes	USAPTI Office	O5-MEETING_NOTES- 000049 - 5- MEETING_NOTES-000058		
1927	Dec. 20, 2010 Email from Allen Chang to W. Liew, Thong ChaiThangthawee; Tony Duong; Philipp Ilagan re Equipment DD files needed	Google Email	C2-000009.00045756 - C2- 000009.00045767		
1928	Dec. 20, 2010 Email from Allen Chang to John Liu; Thongchai Thangthawee	Google Email	C2-000009.00045850 - C2- 000009.00045883		
1929	Jan. 17, 2011 Email from Allen Chang to Bo Buhl re Nozzle List for 100K	Yahoo! Email	C2-000004.00010033 - C2- 000004.00010041		
1930	Jan. 26, 2011 Email from Allen Chang to W. Liew; Ruth oduca re Attachment diagram for canned pump, labeled C2-000004.00010175 - C2-000004.00010176	Yahoo! Email	C2-00004.00010175 - C2- 000004.00010176		
1931	Handwritten notes, labeled O5- MEETING_NOTES-000029 - O5- MEETING_NOTES-000032	USAPTI Office	O5-MEETING_NOTES- 000029 - O5- MEETING_NOTES-000032		
1932	Feb. 15, 2011 Email from Allen Chang to Bill Porterfield re Quote for Inconel screw conveyors for second project, labeled C2- 000009.00000623 - C2-000009.0000662	Google Email	C2-00009.0000623 - C2- 000009.0000662		
1933	Feb. 17, 2011 Email from R. Maegerle to W. Liew re Subsitute for Inconel 600 in hot Chlorine Service, labeled C2-000009.0000866	Google Email	C2-000009.00000866		
1934	Feb. 24, 2011 Handwritten notes, labeled O5- MEETING_NOTES-000018 - O5- MEETING_NOTES-000024	USAPTI Office	O5-MEETING_NOTES- 000018 - O5- MEETING_NOTES-000024		
1935	Mar. 25, 2011 Email from Thongchai T. to Allen Chang re screw converyor references, labeled C2-000008.00010250 - C2- 000008.00010543	Google Email	C2-000008.00010250 - C2- 000008.00010543		
1936	Mar. 30, 2011 Email from Bo Buhl to W. Liew re 100K Spray Condenser Considerations, labeled C2-000008.00010544 - C2-000008.00010547	Google Email	C2-000008.00010544 - C2- 000008.00010547		
1937	Mar 31, 2011 Email from Kevin Howard to Gary Stewart; Allen Chang re Fabrication, labeled C2- 000008.00010581 - C2-000008.00010582	Google Email	C2-000008.00010581 - C2- 000008.00010582		
1938	May 6, 2011 Email from Allen Chang to Bo Buh re 100K Nozzles, labeled C2-000091.00088384 C2-000091.00088387	Yahoo! Email	C2-000091.00088384 - C2- 000091.00088387		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page158 of 244

1939	June 10, 2011 Email from Allen Chang to Ruth Oduca, labeled C2-000004.00011279 - C2- 000004.00011280	Yahoo! Email	C2-000004.00011279 - C2- 000004.00011280		
1940	June 23, 2011 Email from Allen Chang to Kevin Howard re Drawings for our 100K project, labeled C2-000091.00091855 - C2- 000091.00091866	Yahoo! Email	C2-000091.00091855 - C2- 000091.00091866		
1941	June 24, 2011 Email from "Incoming@100K PG" to W. Liew re Drawings for our 100K Project, labeled C2-000091.00091990 - C2- 000091.00092047	Yahoo! Email	C2-000091.00091990 - C2- 000091.00092047		
1942	June 24, 2011 Email from "Incoming@100K PG" to W. Liew re Silicon Carbide SprialJet Nozzle for 100K Spray Condenser, labeled C2- 000091.00092155 - C2-000091.00092159	Yahoo! Email	C2-000091.00092155 - C2- 000091.00092159		
1943	June 28, 2011 Email from Christopher Toomey to Allen Chang re Invitation to quote on Injection Pumps for 100K MT/yr TiO2 project, labeled C2-000008.00018033 - C2- 000008.00018043	Google Email	C2-000008.00018033 - C2- 000008.00018043		
1944	June 30, 2011 Email from Allen Chang to W. Liew re other 30K equipment to be purchased, labeled C2-000091.00092492	Yahoo! Email	C2-000091.00092492		
1945	July 7, 2011 Handwritten Notes, labeled O5- MEETING_NOTES-000003 - O5- MEETING_NOTES-000008	USAPTI Office	MEETING_NOTES-000003 - O5-MEETING_NOTES- 000008		
1946	Copy of spiral notebook containing handwritten notes, labeled O33-SPIRAL_NOTEBOOK-000001 - O33-SPIRAL_NOTEBOOK-000042	USAPTI Office	O33-SPIRAL_NOTEBOOK- 000001 - O33- SPIRAL_NOTEBOOK- 000042		
1947	Feb. 25, 2011 Handwritten notes, labeled O5- MEETING_NOTES-000015 - O5- MEETING_NOTES-000017	USAPTI Office	O5-MEETING_NOTES- 000015 - O5- MEETING_NOTES-000017		
1948	Mar. 8, 2011 Email from W. Liew to Christopher Toomey re Proposal for Pneumatic Conveying Pump, labeled C2-000091.00058477	Yahoo! Email	C2-000091.00058477		
1949	Jan. 20, 2011 USAPTI Equipment Specifications re ALCl3 Generator (R-5160)	USAPTI Office; O30			
1950	June 10, 2011 Email from Allen Chang to Ken Chan, Thongchai T re Equipment Procurement Quotes, Ceramic Pipes, and DD Submittal meeting summary, labeled C2-000004.00011224 - C2-000004.00011273	Yahoo! Email	C2-000004.00011224 - C2- 000004.00011273		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page159 of 244

1951	Condux business cards (2) for Arbogast, and Condux C.V. re Arbogast	Arbogast			
1952	Condux Non-Exclusive Agreement (unexecuted)	Arbogast			
1953	General Secrecy Agreement Between Condux, Inc., and Its Consultant (unexecuted)	Arbogast			
1954	Condux document written by Fred Arbogast titled "Consulting Placement Operations"	Arbogast			
1955	1995 Condux Pamphlet "Consulting Expertise"	Arbogast			
1956	Aug. 17, 1967 The Star-Beacon Article "DuPont, Sherwin-Williams Join on \$20 Million Plant"	Wilmington, DE library			
1957	Article "Du Pont licensing chloride route to titanium dioxide," C&EN, Aug. 28, 1967, pp.33-34	USAPTI Office	O27-MISC_1-000036 - O27- MISC_1-000037		
1958	Jan. 3, 2006 Email from W. Liew to Eddy Lee re Dinner	Yahoo! Email	C2-000091.00001242		
1959	Intentionally Omitted	Yahoo! Email			
1960	Jan. 11, 2010 Email from Len Tilton to Maegerle re Operating Pressures in Purification Section, labeled C2-000004.00004129 - C2- 000004.00004132	Yahoo! Email	C2-00004.00004129 - C2- 000004.00004132		
1961	Mar. 25, 2010 Email from Ruth Oduca to herself	Yahoo! Email	C2-000004.00004456 - 2- 000004.00005095		
1962	Mar. 26, 2010 Email from W. Liew to Ruth Oduca re Experience based rules, labeled C2- 000004.00005110 - C2-000004.00005157	Yahoo! Email	C2-00004.00005110 - C2- 000004.00005157		
1963	Apr. 12, 2010 Email to Ruth Oduca of article "Microstructural Changes in Several Titaniferous Materials during Chlorination Reaction," labeled C2-000004.00005167 - C2- 000004.00005176	Yahoo! Email	C2-000004.00005167 - C2- 000004.00005176		
1964	Apr. 12, 2010 Email to Ruth Oduca of article "Intrinsic Kinetics and Mechanism of Rutile Chlorination by CO + Cl2 Mixtures," labeled C2-000004.00005177 - C2-000004.00005185	Yahoo! Email	C2-00004.00005177 - C2- 000004.00005185		
1965	Apr. 12, 2010 Email to Ruth Oduca of article "Mathematical Modeling of Fluidized-Bed Chlorination of Rutile" labeled C2- 000004.000005186 - C2-000004.00005197	Yahoo! Email	C2-000004.000005186 - C2- 000004.00005197		

Case3:11-cr-00573-JSW Dogwier ក្រុំត្រូវ Filed01/06/14 Page160 of 244

1966	Apr. 13, 2010 Email to Ruth Oduca of article "Fluidized bed chlorination of several titaniferous materials-kinetics, morphological changes and mathematical modeling," labeled C2-000004.00005202 - C2-000004.00005252	Yahoo! Email	C2-000004.000005202 - C2- 000004.00005252			
1967	Apr. 30, 2010 Email from Ruth Oduca, labeled C2-000004.00005449 - C2-000004.00006249	Yahoo! Email	C2-000004.00005449 - C2- 000004.00006249			
1968	June 29, 2010 Email from Ruth Oduca to W. Liew re Fluid Stream Data for CFD of Spray Condenser, labeled C2-000004.00006509 - C2- 000004.00006511	Yahoo! Email	C2-000004.00006509 - C2- 000004.00006511			
1969	June 29, 2010 Email from W. Liew to Bo Buhl re TiCl4 data for CFD, labeled C2- 000004.00006512 - C2-000004.00006514	Yahoo! Email	C2-000004.00006512 - C2- 000004.00006514			
1970	July 13, 2010 Email from Ruth Oduca to John Liu; W. Liew re PFD 30k-Oxidation, labeled C2- 000004.00006620 - C2-000004.00006630	Yahoo! Email	C2-00004.00006620 - C2- 000004.00006630			
1971	Sep. 16, 2010 Email from Robert O'Connor to W. Liew re Follow up PCD Jobs F-10-1998 & 1999 Pangang Contract #s 10USSCY32PGCQ25 & 10USSCY32PGCQ26 Respectively, labeled C2-000004.00008625 - C2-000004.00008736	Yahoo! Email	C2-00004.00008625 - C2- 000004.00008736			
1972	Dec. 27, 2010 Email from Ruth Oduca to W. Liew, Thongchai T. re Mayer and Caldera, labeled C2-000004.00009278 - C2- 000004.00009279	Yahoo! Email	C2-000004.00009278 - C2- 000004.00009279			
1973	Ruth Oduca CV with handwritten notes	USAPTI Office; O37				
1974	Apr 11, 2011 Email From Gary Stewart to W. Liew re Chlorinator Bricks Attaching Authorization.doc	Yahoo! Email	C2-000091.00087361 - C2- 000091.00087368			
1975	Mar 29, 2011 Email From Walter Liew to Gary Stewart re Chlorinator Bricks	Yahoo! Email	C2-000091.00058740 -C2- 000091.00058741			
1976	Mu Qiao Business Card	Liew Residence; H29				
1991	2011 U.S. Individual Income Tax Return for W. and C. Liew	KVN				
1992	Jun 15 2011 Stamp Duty Certificate for 18 Shelford #04-02	Lee & Lee				
1993	Jun 24, 2011 Annex 1-13 of purchase agreement for Chlorinator bricks	Gary Stewart; Quantum		18_Technical Annexes - Bricks.doc		
1994	100k Equipment specifications for Chlorinator Bricks	Gary Stewart; Quantum		20_100k Chlorinator Bricks.pdf		
1995	100k Equipment specifications for Chlorinator Bricks, bottom layer bricks Details type 7-12	USAPTI Office; SVE034297		ES-004-R3000-3-03.dwg		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page161 of 244

1996	100k Equipment specifications for Chlorinator Bricks, side perimeter layer brick details type 13	USAPTI Office; SVE034297	ES-004-R3000-3-04.dwg		
1997	Excel spreadsheet regarding 100k Refractories and Liner spec	USAPTI Office; SVE034297	Refactories and Liner Spec.xlsx		
1998	Request for quotation with specs	Gary Stewart; Quantum	4_Bricks.doc		
1999	Apr 2, 2011 Inquiry on Refractory Bricks re Environmental Protection Relocation Project of Pangang	Gary Stewart; Quantum	10_Inquiry on Refractory Brick.doc		
2000	Apr 28, 2011 Quote from Gary Stewart to Anna Zhang at ESI Equipment re Chlorinator Refractory	Gary Stewart; Quantum	12_QIG Quote 1020 ESI China.doc		
2001	Apr 29, 2011 Quote from Gary Stewart to Anna Zhang at ESI Equipment re Chlorinator Refractory	Gary Stewart; Quantum	13_QIG Quote 1020-3GS 29Apr11.doc		
2002	Jul 28, 2011 Quote from Gary Stewart to Anna Zhang at ESI Equipment re Chlorinator Refractory	Gary Stewart; Quantum	16_QIG-1020-4-GS 28July11.pdf		
2003	Nov 9, 2010 Proposal from Gary Stewart of Quantum to Walter Liew of USA Performance Technology, Inc. re Chlorinator Refractory; signed by Gary Stuart	Gary Stewart; Quantum	28_QIG Proposal 1020-0-GS to USA Performance Tech.pdf		
2004	Dec 23, 2010 Email from W. Liew to Gary Stewart re Quotation update; cc Allen Chang	Gary Stewart; Quantum	30_Re Chlorinator Refractory.msg		
2005	Mar 29, 2011 Quote from Gary Stewart of Quantum to ESI Equipment re Chlorinator Refractory; signed by Gary Stuart	Gary Stewart; Quantum	34_QIG Quotation 1020-2- GS.pdf		
2006	Jul 5, 2011 Proposal from Kevin Howard of Quantum to Allen Chang of USA Performance Technology, Inc. re Chlorinator Refractory Lined Vessels Rev. 1	Gary Stewart; Quantum	36_QIG Proposal - Fabrication of Chlorinator Vessels - USA Performance Tech Proposal Rev1 1034-1-kph 5Jul11.pdf		
2007	Jul 8, 2011 Proposal from Kevin Howard of Quantum to Allen Chang of USA Performance Technology, Inc. re Chlorinator Refractory Lined Vessels Project 2	Gary Stewart; Quantum	37_QIG Proposal - Fabrication of Chlorinator Vessels - USA Performance Tech Proposal Rev1 1036-0-kph 8Jul11.pdf		
2008	Nov 5, 2010 Letter from Marty Hoss to Gary Stewart re response to quotation	Gary Stewart; Quantum	38_Chlorinator Proposal Rath.pdf		
2009	Oct 25, 2010 Rath Quotation for super duty fireclay brick prepared by Marty Hoss for Gary Stewart	Gary Stewart; Quantum	40_Quantum International-QA-0413MH.pdf		
	-				

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page162 of 244

2010	Nov. 22, 2010 Rath Quotation for multiple items	Gary Stewart;		41_Rath Quote 11-22-10.pdf		
	prepared by Marty Hoss for Gary Stewart	Quantum				
2011	Apr 29, 2011 Email from Ulf Frohneberg to Gary Stewart re AW: Quotation for chlorinator	Gary Stewart; Quantum		55_Correspondence.docx		
2012	Oct. 15, Quote prepared for Mike Harris by Steuler-KCH for Bricks and mortar	Gary Stewart; Quantum		61_Quotation 599.3293.10.pdf		
2013	Apr 28, 2011 Quote prepared for Gary Stewart by Ulf Frohneberg for Bricks and mortar	Gary Stewart; Quantum		63_Quotation 599.3574.04.pdf		
2014	RHI Reference list; company/plant location	Gary Stewart; Quantum		45_RHI Chlorinators.pdf		
2015	Nov. 9, 2010 RHI Quote prepared for Gary Stewart	Gary Stewart; Quantum		46_RHI Quote 2.pdf		
2016	Reference list Tio2; Company/Plant location	Gary Stewart; Quantum		48_RHI Titanium Dioxide.pdf		
2020	California Pacific Bank Record for Period Ending September 30, 2007	Guan				
2021	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000065			
2022	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000117			
2023	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000170 - H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000171			
2024	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000172 - H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000176			
2025	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000185			
2026	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000186			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page163 of 244

2027	California Pacific Bank Record	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000187 - H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000188			
2028	Jun 30, 2006 Thayer Scale Invoice	USAPTI Office	O38- PERFORMANCE_GROUP_ ENV-000021 - O38- PERFORMANCE_GROUP_ ENV-000024			
2029	Oct 13, 2006 Claudius Peters Invoice	USAPTI Office	O38- BROWN_ENVELOPE_2- 000008			
2030	Jun 14, 2006 Delta/Ducon Transferable Letter of Credit	USAPTI Office	O38- PERFORMANCE_GROUP_ ENV-000003 - O38- PERFORMANCE_GROUP_ ENV-000019			
2031	Mar 17, 2006 Thayer Scale Letter of Credit	USAPTI Office	O38- PERFORMANCE_GROUP_ ENV-000020			
2032	May 4, 2011 Delta Ducon Quote to Pangang			Delta Ducon旋转阀报价MD12C78 6_Quote(转钛业)[298527].d oc		
2033	Translation of Delta Ducon Quote			Translation of Delta Ducon旋转阀报价MD12C78 6_Quote(转钛业)[298527].d oc		
2034	Documents from Lee & Lee re 18 Shelford Road	Liew Residence	H28_LEE_LEE_00004			
2035	Web page re DuPont Career Opportunities	Dupont Website		http://www2.dupont.com/corp orate/en-us/careers/career- paths/information- technology.html		
2036	Handwritten notes re loan from Mu	Guan				
2037	Mandarin document re Investment Risk Analysis Report for the Construction of 100,000- ton Per Year Chloride Process Titanium Dioxide Project (first phase) Relocated for Environmental Protection by Chongqing Titanium Industry of Panzhihua Iron and Steel Group Titanium Industry Company Ltd			!WRD3516.TMP[116752].doc		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page164 of 244

2038	Translation of Mandarin document re Investment Risk Analysis Report for the Construction of 100,000-ton Per Year Chloride Process Titanium Dioxide Project (first phase) Relocated for Environmental Protection by Chongqing Titanium Industry of Panzhihua Iron and Steel Group Titanium Industry Company Ltd Performance Group (USA), Inc. Bank	Liew Residence;		Translation of !WRD3516.TMP[116752].doc 425858_sve034409 (Orinda		
	Statements, Checks and Summary for 2005 Tax Returns	sve034409		HP Pavilion 2500 Laptop)_PGI Tax Return 2005 for MAry Liu		
2040	Notes re patents	Liew Residence	H16-WHITE_BINDER- 000153 - H16- WHITE_BINDER-000154			
2041	Diagram from U.S. Patent 4,569,387	Liew Residence	H16-WHITE_BINDER- 000298			
2042	Notes re patents	Liew Residence	H16-WHITE_BINDER- 000353			
2043	Intentionally Omitted					
2044	Article "TiO2 secrets case dismissed, as Du Pont agrees with Ampot," C&EN, May 15, 1967, p. 21					
2045	Google Earth Image of New Johnsonville Plant					
2046	Google Earth Image of Altamira Plant					
2047	Nov. 13, 1995 Van E. Housman Memo	USAPTI Office	O43-BLACK_BINDER- 000022 - O43- BLACK_BINDER-000023			
2048	Dept of Toxic Substances Control EnviroStor facility report re E I DuPont De Nemours & Company , Oakley, CA, Contra Costa County					
2049	Google Earth Image of DeLisle Plant					
2050	Google Earth Image of DeLisle Plant					
2051	Google Earth Image of DeLisle Plant					
2052	Satellite Image of DeLisle plant					
2053	Photo of EdgeMoor					
2054	Google Earth image of Edge Moor					
2055	Satellite Image of Edge Moor, South View					
2056	Satellite Image of Edge Moor, North View					
2057	Satellite Image of Edge Moor, South View					
2058	Satellite Image of Edge Moor, North View					
2059	Google Earth Image of Kuan Yin					
2060	DuPont DeLisle Plant Risk Management Program					
2061	DuPont Heritage Timeline, www2.dupont.com/Phoenix_Heritage/en_US/19 94_detail.html#more					

Case3:11-cr-00573-JSW Dogwier 1661 Filed01/06/14 Page165 of 244

2062	Google Earth image of Kuan Yin		
2063	Google Earth Image of New Johnsonville Plant		
2064	Google Earth Image of New Johnsonville Plant		
2065	Google Earth Image of New Johnsonville Plant	Maegerle	
2066	Stoichiometric Balances at Chlorinator	USAPTI Office;	100K Stoichiometric Balances
		SVE034297	at Chlorinator.xlsx
2067	Calculation of Compressed Air Required at	USAPTI Office;	Calc of fluidization air by
	Chlorinator During Maintenance Mode by	SVE034297	Pangang.doc
	Pangang		
2068	Chlorinator thickness calculation; Chlorinator	USAPTI Office;	Calculation of 100K
	Hemispherical Head Thickness Calculation	SVE034297	Chlroinator thickness.xls
2069	100k tons/year TiO2 Project	USAPTI Office;	Chlorination Flow Rates.xlsx
		SVE034297	
2070	US Patent No. 5, 175,943 Solids Feed System	Google Patents	US5175943.pdf
	and Method for Feeding Fluidized Beds	Website	
2071	Medium Pressure Conveying	USAPTI Office;	Pneu Conveying.xlsx
		SVE034297	
2072	Coke and Ore Injection System	Mount; Cooper	PFD 003.pdf
2073	Equipment Data Sheet	USAPTI Office;	Equipment_Injection
2051	D 20 2010 V 1 CV 1	SVE034297	Pump.pdf
2074	Dec. 20, 2010 Vesuvius: Chlorinator	Gary Stewart;	70_B10-0504 Proposal.pdf
2075	Refractories	Quantum	MANUAL 20 M. U. I.
2075	RHI Maxial 334 M	Gary Stewart; Quantum	44_MAXIAL_334_M_Umwel
		Quantum	t_Energie_EN_ASTMCALC.p
2076	RHI Stellatect 150T 0-0,5	C Stt	
2076	KHI Stellatect 1501 0-0,5	Gary Stewart; Ouantum	49_Stellatect Mortar.pdf
2077	Corguard Brochure	Gary Stewart;	52_CG Brochure.pdf
2011	Corgulard Brochare	Quantum	32_CG Biochaire.pdi
2078	Steuler: Data Sheet Duomor ST 14	Gary Stewart;	56_DB - Duomor ST 14.pdf
2076	Steuler. Data Sheet Duoliloi ST 14	Ouantum	30_DB - Duoliloi 31 14.pui
2079	String of correspondence involving Gary	Gary Stewart;	67_Correspondence.docx
2017	Stewart (Quantum)	Quantum	07_conespondence.docx
2080	Vesuvius: Stein 45C	Gary Stewart;	71_BR6498_2 STEIN 45C.pdf
2000	vesavius. Stem 130	Quantum	/Bto//c_2312ht/ise.pai
2081	Vesuvius: Criterion 50E	Gary Stewart;	73_Criterion 50E_4 - PDE.pdf
2001	Vesavias. Cherion 502	Quantum	75_Effection SOE_1 12E.pdf
2082	Vesuvius Product Information Stein 45C	Gary Stewart;	74_Stein 45C.pdf
2002		Quantum	
2083	Vesuvius Product Information Stein LP45C	Gary Stewart;	75_Stein LP54C.pdf
		Quantum	
2084	Vesuvius Product Information Stein LP58C	Gary Stewart;	76_Stein LP58C.pdf
		Quantum	
2085	Photo of Chlorinator	USAPTI Office;	IMG_0365.JPG
		SVE034297	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page166 of 244

2086	Thermal Ceramics data sheet	USAPTI Office; SVE034297	K-26 Refractory_bricks.pdf
2087	Steuler drawing	Gary Stewart; Quantum	58_Lining Drawing by Stueler.pdf
2088	Steuler drawing	Gary Stewart; Quantum	64_SK73500x00.pdf
2089	Vesuvius drawing	Gary Stewart; Quantum	72_Chlorinator Drawings - Vesuvius.jpg
2090	Sep. 2009 BI Submittal 100K	USAPTI Office; SVE034297	Raw Material and Utility Summary.pdf
2091	Sep. 2009 USAPTI PFD complete set 100K	USAPTI Office; SVE034297	100K TiO2 PFD Complete Set 200909.pdf
2092	USAPTI Process description	USAPTI Office; SVE034297	100K Process Description 200909 BI.pdf
2093	USAPTI Chlorine Balance Diagram PUD 002	USAPTI Office; SVE034297	TiO2 Balance Diagram Layout1 (1).pdf
2094	USAPTI Chlorine Balance Diagram PUD 001	USAPTI Office; SVE034297	Chlorine Balance Diagram Layout1 (1).pdf
2095	100K Equipment List	USAPTI Office; SVE034297	Equipment List.pdf
2096	Spreadsheet: PFD-01 Petroleum Coke Handling System	USAPTI Office; SVE034297	Chlorination Line Sizing (20090818).xlsx
2097	100k Process Flow Diagram PFD-001	USAPTI Office; SVE034297	100K_PFD.pdf
2098	USAPTI P&ID Complete Set	USAPTI Office; SVE034297	P&ID 001-083 Complete Set.pdf
2099	100k Raw Material summary	USAPTI Office; SVE034297	Raw Material Summary.pdf
2100	100k Utility Summary	USAPTI Office; SVE034297	Utility Summary.pdf
2101	100k Utility Summary	USAPTI Office; SVE034297	Utility and Waste Summary.xlsx
2102	100k Site plan layout	USAPTI Office; SVE034297	GA-100-SP (100K SITE PLAN) GA-100K-SP (1).pdf
2103	Screenshots of secured/unprintable document; General Arrangement	Mount; Cooper	Full Set GA Drawings Equipment Arrangement.pdf
2104	USAPTI 4.0 Operation Guidelines	Mount; Cooper	Operation Guidelines.pdf
2105	USAPTI 300 Process Description	USAPTI Office; SVE034297	100K Volume 1 Process.pdf
2106	USAPTI 301 Process Description	USAPTI Office; SVE034297	100K Process Description BD.pdf
2107	USAPTI Specialty Equipment List	USAPTI Office; SVE034297	100K Specialty Equipment List - DD.pdf
2108	USAPTI Equipment List	Mount; Cooper	100K Equipment Master List - 02-10-2011.pdf

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page167 of 244

2109	USAPTI 100k Complete P&ID Drawing set	USAPTI Office; SVE034297; P&ID COMPLETE SET 1- 11-2011.pdf	P&ID COMPLETE SET 1-11-2011.pdf	
2110	USAPTI PFD and P&ID	Mount; Cooper	PFD and PID.pdf	
2111	USAPTI PFD Spreadsheets re PFD-01 - PFD-09		PFD Table Chlorination Final-	
	The state of the s	SVE034297	03252010.xlsx	
2112	USAPTI PFD complete set	USAPTI Office;	PFD 001-032 Complete	
	•	SVE034297	Set.pdf	
2113	100k DD Submittal Cause and Effect Table	Mount; Cooper	100K Cause and Effect	
		•	Table.pdf	
2114	100k DD Submittal Alarm Set Point Table	Mount; Cooper	Alarm Set Point.pdf	
2115	302 Process Control Narrative	Mount; Cooper	Process Control Narrative.pdf	
2116	100K DD Submittal Waste Summary	Mount; Cooper	Waste Summary.pdf	
2117	USAPTI 6.0 Analytical Manual	Mount; Cooper	Analytical Manual.pdf	
2118	USAPTI 5.0 Process Operation Safety	Mount; Cooper	Process Operation Safety.pdf	
2119	List of conceptual engineering design documents	USAPTI Office; SVE034297	List of conceptual engineering design documents.doc	
2120	Excel Spreadsheet of Balance Calculations re Petroleum Coke	USAPTI Office; SVE034297	Balance Calculations by WL 20060530.xls	
2121	Conceptual Design for Ore and Pet Coke Injection System	USAPTI Office; SVE034297	Conceptual PFD-01.dwg	
2122	Conceptual Design Chlorination System	USAPTI Office; SVE034297	Conceptual PFD-02.dwg	
2123	Conceptual Design Condensation System	USAPTI Office; SVE034297	Conceptual PFD-03.dwg	
2124	Conceptual Design Fume Disposal System	USAPTI Office; SVE034297	Conceptual PFD-04.dwg	
2125	Conceptual Design TiCl4 Purification System	USAPTI Office; SVE034297	Conceptual PFD-05.dwg	
2126	Performance Group 30K Project Raw Materials and Utilities Unit Requirements and Comparisons	USAPTI Office; SVE034297	Raw Material and Utilities Unit Requirements Rev A.001 Feb 2006.doc	
2127	Performance Group 30,000 MTPY TiO2 Project	LISAPTI Office:	Operational Description Rev A	
2121	Operational Description	SVE034297	June 2006.doc	
2128	Performance Group 30,000 MTPY TiO2 Project		Process Functional	
2129	Process Functional Description	SVE034297	Description Rev A.001 Feb 2006.doc	
2129	Performance Group 30,000 MTPY TiO2 Project Scope Options	USAPTI Office; SVE034297	Scope Options Rev A.001 Feb 2006.doc	
2130	Performance Group 30,000 MTPY TiO2 Project Preliminary Process Equipment List	USAPTI Office; SVE034297	Preliminary Equipment List Rev A.001 Feb 2006.doc	

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page168 of 244

2131	Performance Group 30,000 MTPY TiO2 Project General Arrangement GA-100P-R1	USAPTI Office; SVE034297	GA_001.dwg	
2132	Performance Group 30,000 MTPY TiO2 Project General Arrangement GA -002 General Arrangement	USAPTI Office; SVE034297	GA_002.dwg	
2133	Performance Group 30,000 MTPY TiO2 Project General Arrangement GA -003 Concrete Pad Plan	USAPTI Office; SVE034297	GA_003.dwg	
2134	Performance Group 30,000 MTPY TiO2 Project General Arrangement GA -004 2,3,4 & 5th Floor Plan		GA_004.dwg	
2135	Performance Group 30,000 MTPY TiO2 Project General Arrangement GA -005 Section - Pipe Bridge Side	USAPTI Office; SVE034297	GA_005.dwg	
2136	Performance Group 30,000 MTPY TiO2 Project General Arrangement GA -110P West Elev. Injector Pump Sys.	USAPTI Office; SVE034297	GA_110.dwg	
2137	Control Philosophy	USAPTI Office; SVE034297	Control Philosophy Rev A.001 Feb 2006.doc	
2138	Piping Specifications	USAPTI Office; SVE034297	Piping_Specification.doc	
2139	Safety	USAPTI Office; SVE034297	Safety Rev A.001 Feb 2006.doc	
2140	Performance Group 30,000 MTPY TiO2 Project Set of General Arrangement Equipment Layouts, Elevations and Sections		Chlorination Layout.pdf	
2141	General Arrangements Equipment Layout Site Plan	USAPTI Office; SVE034297	GA-100-000.pdf	
2142	General Arrangements Equipment Layout Ground Floor Plan	USAPTI Office; SVE034297	GA-100-001.pdf	
2143	General Arrangements Equipment Layout Second Floor Plan	USAPTI Office; SVE034297	GA-100-002.pdf	
2144	General Arrangements Equipment Layout Third Floor	USAPTI Office; SVE034297	GA-100-003.pdf	
2145	General Arrangements Equipment Layout Fourth Floor Plan	USAPTI Office; SVE034297	GA-100-004.pdf	
2146		USAPTI Office; SVE034297	GA-100-005.pdf	
2147	General Arrangements Equipment Layout Sixth Floor Plan		GA-100-006.pdf	
2148	General Arrangements Equipment Layout Elevation	USAPTI Office; SVE034297	GA-100-101.pdf	
2149	General Arrangements Side Elevation Section A-A & B-B		GA-100-102.pdf	
2150	General Arrangements Side Elevation Section C- C & D-D		GA-100-103.pdf	
2151	General Arrangements End View Looking West Section K-K		GA-100-104.pdf	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page169 of 244

2152	Doc titled: Fluidization Air Requirement for Chlorination	USAPTI Office; SVE034297	Fluidization Air Needed at Chlorinator for Jinzhou by WL 20090625.xls	
2153	Performance Group 30,000 MTPY TiO2 Project Operational Description	USAPTI Office; SVE034297	Operational Description Rev B April 08.doc	
2154	Process Flow Diagram Petroleum Coke Handling System	USAPTI Office; SVE034297	PFD-01.dwg	
2155	Process Flow Diagram Ore and Petroleum Coke Injection System	USAPTI Office; SVE034297	PFD-02.dwg	
2156	Process Flow Diagram Chlorination System	USAPTI Office; SVE034297	PFD-03.dwg	
2157	Process Flow Diagram Solid Removal System	USAPTI Office; SVE034297	PFD-04.dwg	
2158	Process Flow Diagram Draw Off System	USAPTI Office; SVE034297	PFD-05.dwg	
2159	Process Flow Diagram Condensation System	USAPTI Office; SVE034297	PFD-06.dwg	
2160	Process Flow Diagram Fume Disposal System	USAPTI Office; SVE034297	PFD-07.dwg	
2161	Process Flow Diagram TiCl4 Purification System	USAPTI Office; SVE034297	PFD-08.dwg	
2162	Process Flow Diagram Pure TiCl4 Sampling/Storage System	USAPTI Office; SVE034297	PFD-09.dwg	
2163	Piping Specifications	USAPTI Office; SVE034297	Piping_Specs _August_08.doc	
2164	Excel Spreadsheet of Hydraulics	USAPTI Office; SVE034297	30K Line Lists for Hydraulics.xlsm	
2165	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Petroleum Coke Handling System	USAPTI Office; SVE034297	PFD-01-RB Model (1).pdf	
2166	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Ore and Petroleum Coke Injection System	· ·	PFD-02-RB Model (1).pdf	
2167	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Chlorination System	USAPTI Office; SVE034297	PFD-03-RB Model (1).pdf	
2168	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Solid Removal System	USAPTI Office; SVE034297	PFD-04-RB Model (1).pdf	
2169	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Draw Off System	USAPTI Office; SVE034297	PFD-05-RB Model (1).pdf	
2170	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Condensation System	USAPTI Office; SVE034297	PFD-06-RB Model (1).pdf	
2171	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Fume Disposal System	USAPTI Office; SVE034297	PFD-07-RB Model (1).pdf	
2172	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram TiCl4 Purification System	USAPTI Office; SVE034297	PFD-08-RB Model (1).pdf	

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page170 of 244

2173	Performance Group 30,000 MTPY TiO2 Project Process Flow Diagram Tank Farm	USAPTI Office; SVE034297	PFD-09-RB Model (1).pdf	
2174	Performance Group 30,000 MTPY TiO2 Project Equipment List		Chlorination and Purification Equipment List.pdf	
2175	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Calcined Petroleum Coke Preparation and Handling System	USAPTI Office; SVE034297	P&ID-02.pdf	
2176	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Ore Handling System Ore and Coke Injection System	USAPTI Office; SVE034297	P&ID-03.pdf	
2177	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Chlorination System		P&ID-04.pdf	
2178	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Chlorination System		P&ID-05.pdf	
2179	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Bed Draw System	USAPTI Office; SVE034297	P&ID-06.pdf	
2180	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Solid Removal System	USAPTI Office; SVE034297	P&ID-07.pdf	
2181	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Contact Condenser System	USAPTI Office; SVE034297	P&ID-08.pdf	
2182	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Crude Storage System	USAPTI Office; SVE034297	P&ID-09.pdf	
2183	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Refrigerated Condenser System		P&ID-10.pdf	
2184	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Fume Disposal System	USAPTI Office; SVE034297	P&ID-11.pdf	
2185	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Fume Disposal System	USAPTI Office; SVE034297	P&ID-12.pdf	
2186	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram TiCl4 Purification System	USAPTI Office; SVE034297	P&ID-13.pdf	
2187	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram TiCl4 Purification System	USAPTI Office; SVE034297	P&ID-14.pdf	
2188	Performance Group 30,000 MTPY TiO2 Project Piping & Instrumentation Diagram Pure TiCl4 Sampling/Storage System	USAPTI Office; SVE034297	P&ID-15.pdf	

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page171 of 244

2189	USAPTI 100,000 MTPY TiO2 Project drawings re Electrical Area Classification layout Coke and	1	S-2000-003 (COKE AND ORE PREP.pdf
2100	Ore Prep. Area	LICADELOCC	G 2000 002 (T) 11 1
2190	USAPTI 100,000 MTPY TiO2 Project drawings re Flammable and Toxic Gas Monitor Layout Coke and Ore Preparation Area	USAPTI Office; SVE034297	S-2000-003 (Flammable and Toxic Gas Monitor Layout COKE AND ORE PREP AREA) Layo.pdf
2191	USAPTI 100,000 MTPY TiO2 Project drawings re Flammable and Toxic Gas Monitor Layout Coke and Ore Prep.Area	USAPTI Office; SVE034297	S-2000-003 (Flammable and Toxic Gas Monitor Layout COKE AND ORE PREP.pdf
2192	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2240 Dry Coke Aero Mechanical Conveyor	Mount; Cooper	003equipment.pdf
2193	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2200 Coke Aero Mechanical Conveyor	Mount; Cooper	004equipment.pdf
2194	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2100 Ore Aero Mechanical Conveyor	Mount; Cooper	006equipment.pdf
2195	USAPTI 100,000 MTPY TiO2 Project Equipment Data Sheet Ore Areo Mechanical Conveyor	USAPTI Office; SVE034297	Equipment_Aero Mechanical Conveyor.pdf
2196	USAPTI 100,000 MTPY TiO2 Project Equipment Data Sheet Cement Dense Phase Pump	USAPTI Office; SVE034297	Equipment_Dense Phase Pump.pdf
2197	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2100 Ore Aero Mechanical Conveyor	USAPTI Office; SVE034297	ES-001-AC2100 (Ore Aero Mechanical Conveyor).pdf
2198	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2140 Dry Ore Aero Mechanical Conveyor	USAPTI Office; SVE034297	ES-001-AC2140 (Dry Ore Aero Mechanical Conveyor).pdf
2199	USAPTI 100,000 MTPY TiO2 Project Equipment Specification T-2100 Ore Dryer Feed Bin	USAPTI Office; SVE034297	ES-001-T2100 (Ore Dryer Feed Bin).pdf
2200	USAPTI 100,000 MTPY TiO2 Project Equipment Specification T-2140 Dry Ore Fill Bin	USAPTI Office; SVE034297	ES-001-T2140 (Dry Ore Fill Bin).pdf
2201	USAPTI 100,000 MTPY TiO2 Project Equipment Specification T-2141 Dry Ore Shot Bin	USAPTI Office; SVE034297	ES-001-T2141 Dry Ore Shot Bin).pdf
2202	USAPTI 100,000 MTPY TiO2 Project Equipment Specification T-2180 Coke and Ore Dust Collection Tank #1	USAPTI Office; SVE034297	ES-001-T2180 (Coke and Ore Dust Colleciton Tank #1).pdf
2203	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2200 Coke Aero Mechanical Conveyor	USAPTI Office; SVE034297	ES-002-AC2200 (Coke Aero Mechanical Conveyor).pdf
2204	USAPTI 100,000 MTPY TiO2 Project Equipment Specification AC-2240 Dry Coke Aero Mechanical Conveyor	USAPTI Office; SVE034297	ES-002-AC2240 (Dry Coke Aero Mechanical Conveyor).pdf

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page172 of 244

2205	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	ES-002-T2200 (Coke Dryer	
2203	Equipment Specification T-2200 Coke Dryer	SVE034297	Feed Bin.pdf	
	Feed Bin	3, 203, 27,	Tota Binipai	
2206	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	ES-002-T2240 (Dry Coke Fill	
2200		SVE034297	Bin).pdf	
	Bin	5 (203 (2))	J.m/,pd	
2207	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	ES-002-T2241 (Dry Coke Shot	
	Equipment Specification T-2241 Dry Coke Shot	SVE034297	Bin).pdf	
	Bin			
2208	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	ES-002-T2280 (Coke dust	
	Equipment Specification T-2280 Coke Dust	SVE034297; ES-002-	collection tank).pdf	
	Collection Tank	T2280 (Coke Dust		
		Collection Tank).dwg		
2209	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-001 (T2140).pdf	
	Equipment Specification T-2140 Dry Ore Fill	SVE034297		
	Bin			
2210	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-001 (T2141).pdf	
	1	SVE034297		
2211	Bin USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-001 (T2180).pdf	
2211	Equipment Specification T-2180 Coke and Ore	SVE034297	PPD-001 (12180).pdf	
	Dust Collection Tank #1	S V E034297		
2212	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-002 (T2240).pdf	
	Equipment Specification T-2240 Dry Coke Fill	SVE034297		
	Bin Tank			
2213	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-002 (T2241).pdf	
	Equipment Specification T-2241 Dry Coke Shot	SVE034297		
	Bin			
2214	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-002 (T2280).pdf	
	Equipment Specification T-2280 Coke Dust	SVE034297		
	Collection Tank			
2215	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-003 (BF-2350).pdf	
	Equipment Specification T-2350 Ore Pre Feed	SVE034297		
	Tank			
2216	USAPTI 100,000 MTPY TiO2 Project data	USAPTI Office;	PFD-003 (CV-2280).pdf	
	sheet re Ore Coke Collection Screw Feeder	SVE034297		
2217	USAPTI 100,000 MTPY TiO2 Project data	USAPTI Office;	PFD-003 (DV-2400).pdf	
	sheet re Coke and Ore Diverter Valve	SVE034297		
2218	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-003 (T2300).pdf	
2210	Equipment Specification T-2300 Coke Pre Feed		11-0-003 (12300).pdf	
	Tank	S V E034297		
2219	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-003 (T2350).pdf	
2219	Equipment Specification T-2350 Ore Pre Feed	SVE034297	11.D-003 (17330).hai	
	Tank	D 1 E034471		
2220	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office;	PFD-003 (T2400).pdf	
2220		SVE034297	11D 003 (12100).pai	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page173 of 244

2221		USAPTI Office; SVE034297	PFD-003 (T2500).pdf
	Dust Collection Tank #2		
2222	USAPTI 100,000 MTPY TiO2 Project Process Flow Diagram for Coke & Ore Injection System	USAPTI Office; SVE034297	PFD-003 COKE AND ORE INJECTION SYSTEM.pdf
2223	USAPTI 100,000 MTPY TiO2 Project Process Flow Diagram for Coke and Ore Feed Diverter Valve	USAPTI Office; SVE034297	PFD-004 (DV-2400).pdf
2224	USAPTI 100,000 MTPY TiO2 Project General Arrangement Finishing Equipment Layout Plan View	USAPTI Office; SVE034297	GA-2000-001 (COKE AND ORE PLAN VIEW).pdf
2225	USAPTI 100,000 MTPY TiO2 Project General Arrangement Coke and Ore Equipment Layout Plan View	USAPTI Office; SVE034297	GA-2000-003 (COKE AND ORE PLAN VIEW) GA-2000- 003 (1).pdf
2226	USAPTI 100,000 MTPY TiO2 Project General Arrangement Coke and Ore Layout Elevation View	USAPTI Office; SVE034297	GA-2000-101 (COKE AND ORE ELEVATION VIEW).pdf
2227	USAPTI 100,000 MTPY TiO2 Project General Arrangement Coke and Ore Equipment Layout Elevation View	USAPTI Office; SVE034297	GA-2000-103 (COKE AND ORE ELEVATION) GA-2000- 103 (1).pdf
2228	Claudius Peters Data Sheet	USAPTI Office; SVE034297	Claudius Peter DS.pdf
2229	Screen Capture re Coke Prep 1	USAPTI Office; SVE034297	SNAG-0001.jpg
2230	Screen Capture re Coke Prep 2	USAPTI Office; SVE034297	SNAG-0002.jpg
2231	Screen Capture re Ore Handling	USAPTI Office; SVE034297	SNAG-0003.jpg
2232	Screen Capture re Chlorination Piping	USAPTI Office; SVE034297	SNAG-0004.jpg
2233	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder Assembly	USAPTI Office; SVE034297	ES-109-07 (MG-773A) MICRON GRINDER A.pdf
2234	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/773B	Bank of East Asia Safe Deposit Box; SVE034332	Micronizer.pdf
2235	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/B Body Assembly	Bank of East Asia Safe Deposit Box; SVE034332	06 body details.pdf
2236	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/773B	Bank of East Asia Safe Deposit Box; SVE034332	01 Index.pdf
2237	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/B Overview	Bank of East Asia Safe Deposit Box; SVE034332	02 Overview.pdf
2238	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/B Body Assembly Body	Bank of East Asia Safe Deposit Box; SVE034332	03 Body.pdf

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page174 of 244

2239	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/B Body Assembly	Bank of East Asia Safe Deposit Box; SVE034332	04 body assembly.pdf		
2240	Performance Group 30,000 MTPY TiO2 Project Equipment Specification 42" Micron Grinder MG-773A/B Body Assembly Axal Liner	Bank of East Asia Safe Deposit Box; SVE034332	05 axial liner.pdf		
2241	Nov. 10, 1988 WO1990004569A1-Recovery of titanium values from minerals by fluidized-bed chlorination				
2242	Dec. 15, 1997 EP0946457				
2243	Jun. 7, 2005 US20060275195 Process for separating solids from a purification purge stream				
2244	Nov. 1, 2005 US20070095253 Titanium dioxide finishing process				
2245	Apr. 25, 2006 US2009/0148363A1 Production of Titanium Tetrachloride Using Fluidized Bed Reactor				
2246	Apr. 30, 1938 US2184884 Treatment of titanium ores				
2247	Nov. 26, 1937 US2240343 Material treatment				
2248	Jul. 14, 1939 US2245358 Chlorination of titanium bearing materials				
2249	Dec. 7, 1939 US2289327 Decolorization of titanium tetrahalides				
2250	Mar. 15, 1941 US2311466 Chlorination of metal bearing materials				
2251	Nov. 16, 1942 US2370525 Purification of titanium tetrachloride				
2252	May 10, 1941 US2387534 Production of improved titanium pigments				
2253	Mar. 15, 1944 US2412349A Purification of titanium tetrachloride				
2255	Oct. 28, 1947 US2486912 Process for producing titanium tetrachloride				
2256	Nov. 30, 1946 US2488440 Titanium Dioxide Pigment Production				
2257	Jul. 11, 1947 US2502347 Production of Titanium Dioxide				
2259	Jun. 29, 1948 US2588945 Means inhibiting escape of oversize particles from circulatory pulverizing mills				
2260	Jul. 21, 1950 US2600881 Purification of titanium tetrachloride				
2261	Dec. 15, 1951 US2670272 Metal oxide production				
2262	Sep. 2, 1950 US2670275 Metal oxide production				

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page175 of 244

2265	May 27, 1952 US2754255 Decolorizing Titanium Tetrachloride			
2266	Jan. 19, 1953 US2790704 Process for Producing			
	A Vaporized Mixture of Aluminum and			
	Titanium Halides			
2267	Apr. 29, 1952 US2791490 Method and means			
	for commingling and reacting fluid substances			
2268	Jan. 31, 1957 US2849083 Separation of iron			
	chloride from gaseous iron chloride-titanium			
	tetrachloride mixtures			
2269	Oct. 19, 1956 US2953218 Separation of			
	metallic halides			
2270	Nov. 15, 1957 US2968529 Production of metal oxide pigments			
2271	Sep. 9, 1957 US2974009 Production of titanium			
22/1	tetrachloride			
2272	Mar. 19, 1959 US3009541 Recovery of titanium			
	tetrachloride from sludges obtained in the			
	purification of impure titanium tetrachloride			
2273	Apr. 4, 1961 US3058673 Apparatus for			
2274	pulverizing material Apr. 4, 1957 US3086843 Methods for the			
2214	production of titanium tetrachloride			
2275	Oct. 26, 1959 US3101249 Chlorination			
	apparatus and process			
2276	Apr. 24, 1962 US3178121 Process for			
	comminuting grit in pigments and supersonic			
	fluid energy mill therefor			
2277	Jan. 17, 1963 US3203763 Production of metal oxides through oxidation of metal halides			
	oxides through oxidation of metal handes			
2280	Nov. 21, 1963 US3261664 Process for the			
	production and separation of titanium			
	tetrachloride from crystalline ferrous chloride			
2281	Mar. 28, 1968 US3437502 Titanium dioxide			
	pigment coated with silica and alumina			
2282	Dec. 23, 1966 US3446579 Process for			
2202	continuously producing gaseous aluminum			
	chloride			
2283	Jul. 1, 1966 US3462086 Fluid energy milling			
	process			
2285	May 9, 1968 US3511308 Process for cooling			
	hot gaseous suspensions of fine solids			
2286	Oct. 19, 1965 US3512219 Injection reactor for			
2200	titanium dioxide production			
	mamam atomic production			

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page176 of 244

2287	Nov. 26, 19 65US3560152 Vapor phase			
	production of titanium dioxide pigments			
2288	Apr. 30, 1970 US3591333 Method of			
2200	chlorinating titanium-bearing materials			
2289	Nov. 28, 1969 US3615202 Process for the			
2200	manufacture of titanium dioxide			
2290	Oct. 22, 1969 US3628913 Process for			
	recovering titanium tetrachloride from titaniferous ore			
2201				
2291	Apr. 17, 1969 US3632313 Method of heating oxygen-containing gases for the production of			
	titanium dioxide pigment			
2292	Mar. 23, 1970 US3699206 Process for			
2292	beneficiation of titaniferous ores			
2293	Aug. 17, 1970 US3725526 Process for			
2273	producing pigment quality titanium dioxide			
2294	Oct. 15, 1971 US3726484 Stepped fluid energy			
22)4	mill			
2295	Feb. 17, 1971 US3730748 Production of mixed			
22)3	oxides containing aluminum oxide			
2296	Jan. 21, 1971 US3734761 Process for producing			
22,0	titanium dioxide product containing aluminum			
	oxide			
2297	Apr. 6, 1972 US3753336 Centrifugal separation			
	apparatus			
2298	Sep. 20, 1971 US3813225 Fluidized solids			
	reactor with refractory lining			
2299	Aug. 25, 1972US3856929 Production of anatase			
	TiO2 by the chloride process			
2300	Apr. 2, 1973 US3871874 Purification of			
	vanadium-containing TiCl4 by heating with			
	TiCl30.33 ALCl3			
2301	Jan. 24, 1973 US3883636 Chlorination process			
2302	Mar. 15, 1973 US3942293 Metal oxide coated			
	refractory brick			
2303	Feb. 23, 1976 US4057404 Method for			
	separating immiscible fluids of different density			
2204	0 . 12 1076 H54066424 5 1 .: 1			
2304	Oct. 13, 1976 US4066424 Selectively			
	recovering metal chlorides from gaseous effluent			
2205	Apr. 19, 1077 US 4070252 Durification of anyda			
2305	Apr. 18, 1977 US4070252 Purification of crude titanium tetrachloride			
2306	Sep. 30 1976 US4075031 TiO2 Pigment coated			
2300	with dense silica and porous alumina/silica			
	with delise sinca and porous arunnia/sinca			
2307	Sep. 9, 1976 US4125412 Process for the			
2307	Production of Durable Titanium Dioxide			
	Pigment			
	0			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page177 of 244

2310	Mar. 11, 1981 US4424138 Drying process and product			
2312	Apr. 29, 1981 US4502641 Fluid energy mill with differential pressure means			
2313	Feb. 3, 1983 US4569387 Device for the cooling of hot gaseous solids suspensions			
2314	Oct. 15, 1984 US4578090 Method for processing gaseous effluent streams recovered from the vapor phase oxidation of metal halides			
2315	Feb. 15, 1985 US4595573 Chlorinator furnace and method for producing tetrachloride of such metals as titanium and zirconium			
2317	US4803056 System for increasing the capacity of a titanium dioxide producing process			
2318	US4937064 DuPont Process of using an improved flue in a titanium dioxide process			
2319	US5196181 Process for the production of titanium dioxide			
2321	US5204083 Process for preparing titanium dioxide			
2322	US5248497 Production of purified iron chloride by a vacuum process in the manufacture of titanium dioxide			
2323	US5266108 Using compacted titanium dioxide pigment particles in the cooling section of the chloride process for making TiO2			
2325	US5271910 Process of treating metal chloride wastes			
2326	US5325603 Solids feed system and method for feeding fluidized beds			
2327	US5334362 Process for the production of disposable products from metal chlorides in a titanium dioxide chloride process			
2328	US5340393 Process for preparing silica coated inorganic particles			
2329	US5508015 Process for controlling agglomeration in the manufacture of TiO2			
2330	US5536487 Process for the use of rutile promoter and control additives in the manufacture of titanium dioxide by the chloride process			
2331	US5538708 Expansion section as the inlet to the flue in a titanium dioxide process			
2332	US5599519 Oxidation of titanium tetrachloride to form titanium dioxide			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page178 of 244

				1	
2335	US5683669 Metal chloride generator and				
	improved process for the production of metal				
	chlorides used in the manufacture of titanium				
	dioxide by the chloride process				
2336	US5730795 Process for manufacturing titanium				
	dioxide pigment having a hydrous oxide coating				
	using a media mill				
2337	US5753025 Titanium dioxide pigment coated				
	with boria-modified silica and alumina				
	with corn mounted since and areaming				
2338	US5759511 Granular scrubs for use in				
2330	manufacturing titanium dioxide pigment				
2340	US6145765 Fluid Energy Mill				
2341	US6342099 Coated titanium dioxide pigments				
2341	and processes for production and use				
	and processes for production and use				
2242	115(207247 C+11-1				
2342	US6387347 Controlled vapor phase oxidation of				
	titanium tetrachloride to manufacture titanium				
2212	dioxide				
2343	US6399033 Process for increasing the yield in				
	the manufacture of titanium dioxide by the				
	chloride process				
2344	US6562312 Process for controlling the				
	passivation of aluminum chloride formed in the				
	chlorination of titanium-containing ores				
2345	US6562314 Methods of producing substantially				
	anatase-free titanium dioxide with silicon halide				
	addition				
2346	US6656261 Titanium dioxide pigments with				
	improved gloss and/or durability				
2347	US7147702 Method for the surface treatment of				
	a titanium dioxide pigment				
2348	US7150416 Liquid fuel injection				
2349	US7247200 Titanium dioxide finishing process				
2350	US7368096 Process for separating solids from a				
	purification purge stream				
2351	US7476378 Process for producing titanium				
	dioxide				
2352	US7717999 Titanium production waste				
	byproduct as partial cement replacement				
2353	US7943103 Waste solids handling				
2354	US8105432 Easy to disperse, high durability				
	TiO2 pigment and method of making same				
	promote and meaned of making built				
2355	US8114377 Process for producing titanium				
2333	dioxide particles having reduced chlorides				
2356	US8309042 Process for reducing gangue build-				
2330	up in the reactor during the chloride process that				
	uses recycled ore				
	uses recycled of		1		ļ

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page179 of 244

2357	US8323613 Method for manufacturing titanium dioxide				
2358	WO 1990/004569 Recovery of titanium values from minerals by fluidized-bed chlorination				
2359	US20120288437 Process for in-situ formation of chlorides of silicon and aluminum in the preparation of titanium dioxide				
2360	US20060133985 Process and tubular reactor for recovery of chlorine from iron chlorides				
2361	US5935545 Process for producing an aqueous solution comprising ferric chloride				
2362	US4440730 Chlorination of titanium ores using lignitic reactive carbons				
2363	DuPont Material Safety Data Sheet "Ti-Pure" Titanium Dioxide Pigment (Dry and Slurry)	USAPTI Office	02-TIO2_MSDS_TESTING- 000133 - 02- TIO2_MSDS_TESTING- 000143		
2364	DuPont Material Safety Data Sheet "Ti-Pure" Titanium Dioxide Pigment (Dry and Slurry)	Liew Residence	H9- MSDS_PRODUCT_DATA- 000016 - H9- MSDS_PRODUCT_DATA- 000026		
2365	DuPont Material Safety Data Sheet Titanium Tetrachloride	USAPTI Office	O2-TIO2_MSDS_TESTING- 000154 - O2- TIO2_MSDS_TESTING- 000161		
2366	DuPont Material Safety Data Sheet "Ti-Pure" RPS Vantage	USAPTI Office; O2			
2367	Page from HunterLab Lab Scan XE Brochure	USAPTI Office	O2-TIO2_MSDS_TESTING- 000162		
2368	Page from HunterLab Lab Scan XE Brochure	USAPTI Office	O2-TIO2_MSDS_TESTING- 000163		
2369	Page from HunterLab Lab Scan XE Brochure	USAPTI Office	O2-TIO2_MSDS_TESTING- 000164		
2370	Page from HunterLab Lab Scan XE Brochure	USAPTI Office	O2-TIO2_MSDS_TESTING- 000165		
2371	DuPont Ti-Pure, Titanium Dioxide Determination of Particle Size Distribution of RPS	USAPTI Office	O2-TIO2_MSDS_TESTING- 000166 - O2- TIO2_MSDS_TESTING- 000176		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page180 of 244

2372	DuPont Ti-Pure, Titanium Dioxide Determination of Oil Absorption	USAPTI Office	O2-TIO2_MSDS_TESTING- 000177 - O2- TIO2_MSDS_TESTING- 000183		
2373	DuPont Ti-Pure, Titanium Dioxide Determination of pH	USAPTI Office	O2-TIO2_MSDS_TESTING- 000184 - O2- TIO2_MSDS_TESTING- 000202		
2374	DuPont Ti-Pure Titanium Dioxide Determination of Slurry Rheology	USAPTI Office	O2-TIO2_MSDS_TESTING- 000203 - O2- TIO2_MSDS_TESTING- 000219		
2375	DuPont Ti-Pure Titanium Dioxide Determination of Unbrushed 325 Mesh Grit, Slurry	USAPTI Office	O2-TIO2_MSDS_TESTING- 000220 - O2- TIO2_MSDS_TESTING- 000224		
2376	DuPont Ti-Pure Titanium Dioxide Determination of Brushed 325 Mesh Grit, Slurry	USAPTI Office	O2-TIO2_MSDS_TESTING- 000225 - O2- TIO2_MSDS_TESTING- 000229		
2377	DuPont Ti-Pure Titanium Dioxide Determination of Slurry Solids	USAPTI Office	O2-TIO2_MSDS_TESTING- 000230 - O2- TIO2_MSDS_TESTING- 000244		
2378	DuPont Ti-Pure Titanium Dioxide Determination of Brookfield Viscocity, TiO2 Slurry	USAPTI Office	O2-TIO2_MSDS_TESTING- 000245 - O2- TIO2_MSDS_TESTING- 000260		
2379	Du-Pont Ti-Pure Titanium Dioxide Hercules Viscocity of RPS Vantage	USAPTI Office	O2-TIO2_MSDS_TESTING- 000261 - O2- TIO2_MSDS_TESTING- 000267		
2380	DuPont Ti-Pure Titanium Dioxide Determination of Emulsion Gloss	USAPTI Office	O2-TIO2_MSDS_TESTING- 000268 - O2- TIO2_MSDS_TESTING- 000276		
2381	Du-Pont Ti-Pure Titanium Dioxide Gloss, 30J Automotive Enamel	USAPTI Office	O2-TIO2_MSDS_TESTING- 000277 - O2- TIO2_MSDS_TESTING- 000287		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page181 of 244

	Determination of Screen Pack Dispersion of		000288 - O2-			
	Titanium Dioxide		TIO2_MSDS_TESTING-			
			000301			
2383	DuPont Ti-Pure Titanium Dioxide Concentrated	USAPTI Office	O2-TIO2_MSDS_TESTING-			
	Acid Solubility of TiO2		000302 - O2-			
			TIO2_MSDS_TESTING-			
			000313			
2384	DuPont Ti-Pure Titanium Dioxide	USAPTI Office	O2-TIO2_MSDS_TESTING-			
2304	Determination of Color L*a*b* by	OSAI II OIIICC	000314 - O2-			
	Spectrocolorimeter		TIO2_MSDS_TESTING-			
			000324			
2385	DuPont Ti-Pure Titanium Dioxide	USAPTI Office	O2-TIO2_MSDS_TESTING-			
2363	Determination of Nujol Yellowing	USAF IT Office	000325 - O2-			
			TIO2_MSDS_TESTING-			
			000336			
2386	DuPont Ti-Pure Titanium Dioxide	USAPTI Office	O2-TIO2_MSDS_TESTING-			
2360	Determination of Vinyl Tint Strength &	USAF IT Office	000337 - O2-			
	Undertone		TIO2_MSDS_TESTING-			
			000349			
2387	Novo Curve Glossmeter	USAPTI Office	O2-TIO2_MSDS_TESTING- 000350 - O2-			
			TIO2_MSDS_TESTING-			
			000353			
2388		USAPTI Office	O2-TIO2_MSDS_TESTING-	-		
	Determination of Screenpack, 500 Mesh		000354 - O2-			
			TIO2_MSDS_TESTING- 000372			
			000372			
2389	DuPont Ti-Pure Titanium Dioxide Tappi Blue	USAPTI Office	O2-TIO2_MSDS_TESTING-			
	Brightness		000373 - O2-			
			TIO2_MSDS_TESTING-			
			000380			
2390	US5456899 Preparation of Titanium Dioxide					
	110 co 2 co	110 1 PPR 0 00		1400044 004000 15		
2391	US6375923 Processing titaniferous ore to titanium dioxide pigment	USAPTI Office; sve034309		4182864_sve034309: Maxtor hard drive		
	titalifulli dioxide pigilielit	80034309		L1LC2H2_006375923 Tim		
				Spitler.tif		
2392	US5076850 Process for treating metal chlorides	USAPTI Office	O43-BLACK_BINDER-			
			000068 - O43-			
			BLACK_BINDER-000071			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page182 of 244

2395	US7854917 Methods of Controlling the Particle size of Titanium Dioxide Produced by the Chloride Process			
2396	US3512219 Injection reactor for titanium dioxide production			
2398	US RE39068 Method and apparatus for producing titanium dioxide			
2399	US3009772 Process for the purification of titanium tetrachloride			
2401	US5573744 Method for Enhancing production of titanium dioxide			
2402	US4633935 Method for the cooling of hot gaseous solids suspensions of titanium dioxide			
2403	US4462979 Process for preparing soft TiO2 agglomerates			
2404	US4455288 Arrangement for the entrainment of particulate materials			
2405	US4170630 Method for producing particulate solids in a turbulent wake burner			
2406	US2450156 Process of and apparatus for producing titanium dioxide			
2407	US3068113 Method of preparing metal oxides			
2408	US3069281 Method of preparing metal oxides			
2409	US3069282 Process for producing pigments			
2410	US3647377 Process for the manufacture of fine particle size titanium dioxide by reacting titanium tetrachloride with oxygen			
2411	US3914396 Method for obtaining titanium dioxide having a controlled particle size			
2412	US3966892 Process for producing titanium dioxide			
2415	US5300273 Process for producing a vapor mixture of titanium tetrachloride and aluminum trichloride			
2416	US4022632 Decreasing the photosensitivity of titanium IV dioxide			
2417	US5385960 Process for controlling adsorption of polymeric latex on titanium dioxide			
2418	US2365171 Lead chromate pigment production			
2419	US2701181 Recovery of aluminum halides			
2420	US2833627 Method for cooling the hot, gas-			
	containing reaction products resulting from the oxidation of titanium tetrachloride			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page183 of 244

2422	US3930800 Fluidized bed desubliming				
	apparatus for recovery of aluminum chloride				
2423	US4167421 Process for dispersing pigments and fillers using aminoalkanols and salt, alkoxylation and quaternization derivatives thereof	1			
2424	US3647383 Method for producing titanium dioxide				
2425	US3903239 Recovery of titanium dioxide from ores				
2426	US4596786 Calcined and reduced titanium dioxide on silica-tungsten oxide catalyst				
2427	US4784841 Process for the production of coarse, scrubbing aggregates of titanium dioxide particles by oxidation of titanium tetrachloride in the vapor phase and use of said aggregates for the prevention of deposit formation in the same production process				
2428	US4797163 Process for the production of titanium dioxide pigments				
2429	US5061473 Titanium dioxide, a process and its production				
2430	US5372905 Surface-modified pyrogenically produced titanium dioxide				
2431	US5411574 Titanium extraction				
2432	US5443811 Method of preparing titanium dioxide				
2433	US5494648 Process for removing thorium and recovering vanadium from titanium chlorinator waste				
2435	US3640745 Method of preparing pigmentary titanium dioxide				
2436	US4375986 Process for treating liquids wastes possessing a strong acidity				
2437	EN ISO 591-1 Titanium Dioxide for Paints				
2440	Mar. 23, 2009 Email from Walter Liew to Bob Maegerle	Yahoo! Email	C2-000006.00007580		
2441	US Patents on TiO2	USAPTI Office	O1-US_PATENTS_TIO2- 000001		
2442	Dec. 6, 1979 US4239548 Titanium Dioxide pigment	USAPTI Office	O1-US_PATENTS_TIO2- 000002 CO1- US_PATENTS_TIO2- 000006		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page184 of 244

2443	Sep. 8, 1980 US438040 Process for the production of titanium dioxide pigments with high weather resistance	USAPTI Office	O1-US_PATENTS_TIO2- 000007:O1- US_PATENTS_TIO2- 000013		
2444	Mar. 26, 1979 US4199370 Weather resistant titanium dioxide pigment having improved optical properties and process for making same	USAPTI Office	O1-US_PATENTS_TIO2- 000014\(\tilde{O}\)1- US_PATENTS_TIO2- 000023		
2445	Mar. 29, 1976 US4022636 Titanium dioxide pigment and process for making same	USAPTI Office	O1-US_PATENTS_TIO2- 000024\(\tilde{O}\)1- US_PATENTS_TIO2- 000027		
2446	Jul. 16, 1981 US4375989 Coated titanium dioxide pigment and a process for the production of the same	USAPTI Office	O1-US_PATENTS_TIO2- 000028 O1- US_PATENTS_TIO2- 000037		
2447	Feb. 25, 1987 US4759800 Process for the improvement of titanium dioxide pigments by post-treatment	USAPTI Office	O1-US_PATENTS_TIO2- 000038_O1- US_PATENTS_TIO2- 000047		
2448	Jan. 9, 1981 US4374675 Post-treated titanium dioxide and process for producing same	USAPTI Office	O1-US_PATENTS_TIO2- 000048_O1- US_PATENTS_TIO2- 000053		
2449	Apr. 30, 1986 Titanium dioxide pigment coated with cerium cations, selected acid anions, and alumina	USAPTI Office	O1-US_PATENTS_TIO2- 000054_O1- US_PATENTS_TIO2- 000056		
2450	Nov. 30, 1979 US4222789 Light-stable titanium dioxide pigment composition	USAPTI Office	O1-US_PATENTS_TIO2- 000057\subseteq 01- US_PATENTS_TIO2- 000062		
2451	Apr. 4, 1983 US4461810 Tio2 Pigment bearing a coating with cerium cations and sulfate, phosphate or silicate anions and laminate and coating containing same	USAPTI Office	O1-US_PATENTS_TIO2- 000063 \(\tilde{O}1-\) US_PATENTS_TIO2- 000065		
2452	Apr. 30, 1986 US4781761 Titanium dioxide pigment coated with boria-modified silica	USAPTI Office	O1-US_PATENTS_TIO2- 000066:O1- US_PATENTS_TIO2- 000069		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page185 of 244

2453	Apr. 11, 1991 US5270076 Process for coating alkyl ketene dimer on titanium dioxide	USAPTI Office	O1-US_PATENTS_TIO2- 000070\times O1- US_PATENTS_TIO2- 000073	
2454	Jun. 26, 1990 US5165995 Process for coating titanium dioxide pigments	USAPTI Office	O1-US_PATENTS_TIO2- 000074[O1- US_PATENTS_TIO2- 000078	
2455	Aug. 20, 1990 US5041162 Process for producing durable titanium dioxide pigment	USAPTI Office	O1-US_PATENTS_TIO2- 000079\(\times \) O1- US_PATENTS_TIO2- 000083	
2456	Dec. 6, 2010 Flow through a nozzle:velocity-area relation	USAPTI Office	O26-CHOKED_FLOW- 000048 \(\text{DO26-} \) CHOKED_FLOW-000050	
2457	Titanium Minerals by L. Lynd, S. Lefond	USAPTI Office	O32-MISC_3_MAPS- 000442	
2458	Jul. 8, 1998 WO 99/02456 A process for producing an aqueous solution comprising ferric chloride	USAPTI Office	O32-MISC_3_MAPS- 000490	
2459	Sep. 29, 1976 US4061503 Silane treatment of titanium dioxide pigment	USAPTI Office	O32-MISC_3_MAPS- 000511EO32- MISC_3_MAPS-000521	
2460	Jul. 2, 1998 US5993533 Continuous wet treatment process to prepare durable, high gloss titanium dioxide pigment	USAPTI Office	O32-MISC_3_MAPS- 000522	
2461	Dec. 12, 1996 US5753025 Titanium dioxide pigment coated with boria-modified silica and alumina	USAPTI Office	O32-MISC_3_MAPS- 000528□O32- MISC_3_MAPS-000535	
2462	Oct. 29, 2002 US6783586 Easy to disperse, high durability TiO2 pigment and method of making same	USAPTI Office	O32-MISC_3_MAPS- 000536EO32- MISC_3_MAPS-000544	
2463	Dec. 15, 1994 US5554216 High gloss durable TiO2 pigment	USAPTI Office	032-MISC_3_MAPS- 000545□032- MISC_3_MAPS-000554	
2464	Aug. 20, 1990 US5041162 Process for producing durable titanium dioxide pigment	USAPTI Office	O32-MISC_3_MAPS- 000555EO32- MISC_3_MAPS-000563	
2465	Sep. 1996 The production of Anhydrous MgCl2 by P. Ficara	USAPTI Office	O32-MISC_3_MAPS- 000861	
2466	1994 Titanuim Minerals by T. Garnar, K. Stanaway	USAPTI Office	O32-MISC_3_MAPS- 001074□O32- MISC_3_MAPS-001093	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page186 of 244

2467	May 28, 1935 US2032827 Method of and apparatus for providing material in finely divided form	USAPTI Office	O37-MISC_1-000033 © O37- MISC_1-000058
2468	Jun. 24, 1996 US5782414 Contoured supersonic nozzle	USAPTI Office	O37-MISC_1-000059EO37- MISC_1-000071
2469	Apr. 25, 2006 WO 2006/115402 Production of titanium tetrachloride using a fluidized bed reactor	USAPTI Office	O37-MISC_1-000183 EO37- MISC_1-000198
2470	#1 US Patents re DuPont	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000001 \(\text{C}\) 45- 1_US_PATENTS_RE_DUP ONT-000001
2471	Oct. 12, 2006 US7638113 Process for making titanium dioxide	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000002
2472	Jul. 25, 1947 US2559638 Production of titanium dioxide	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000012 \(\text{TO45} \) 1_US_PATENTS_RE_DUP ONT-000017
2473	Aug. 10, 1950 US2608464 Preparation of titanium and zirconium tetrahalides	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000018EO45- 1_US_PATENTS_RE_DUP ONT-000020
2474	Oct. 26, 1950 US2668424 Process for cooling vaporous materials	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000021 □ O45- 1_US_PATENTS_RE_DUP ONT-000026
2475	Jul. 4, 1951 US2689781 Production of titanium dioxide pigments	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000027 \(\text{LO45} \) 1_US_PATENTS_RE_DUP ONT-000031
2476	Feb. 24, 1951 US2701179 Metal halide production	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000032 \(\text{LO45} - \) 1_US_PATENTS_RE_DUP ONT-000037
2477	May 5, 1995 US5670121 Process for controlling the temperature of a fluidized bed reactor in the manufacture of titanium tetrachloride	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000038©045- 1_US_PATENTS_RE_DUP ONT-000043

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page187 of 244

2478	Apr. 3, 1946 Process for condensing vaporised metal halides	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000044\[D45- 1_US_PATENTS_RE_DUP ONT-000049
2479	May 4, 1946 US2462978 Titanium dioxide manufacture	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000050 \(\tilde{O}\) 45- 1_US_PATENTS_RE_DUP ONT-000053
2480	Mar. 9, 1946 US2488439 Production of titanium oxide pigments	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000054_O45- 1_US_PATENTS_RE_DUP ONT-000060
2481	Apr. 12, 1946 US2530735 Purification of titanium halides	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000061 \(\times \) 045- 1_US_PATENTS_RE_DUP ONT-000064
2482	May 13, 1996 US5653793 Tio2 slurry process	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000065_O45- 1_US_PATENTS_RE_DUP ONT-000072
2483	Oct. 26, 1951 US2701180 Production of titanium tetrachloride	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000073 \(\text{O45}-\) 1_US_PATENTS_RE_DUP ONT-000077
2484	Dec. 20, 1951 US2784058 Production of titanium tetrachloride	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000078_O45- 1_US_PATENTS_RE_DUP ONT-000081
2485	Dec. 20, 1951 US2784058 Production of titanium tetrachloride	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000082 \(\text{D45}-\) 1_US_PATENTS_RE_DUP ONT-000085
2486	Jul. 15, 1963 US3208866 TiO2 Manufacture	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000086_O45- 1_US_PATENTS_RE_DUP ONT-000091
2487	Apr. 9, 1964 US3258064 Production of titanium tetrachloride	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000092_O45- 1_US_PATENTS_RE_DUP ONT-000095

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page188 of 244

2488	Nov. 17, 1965 US3418074 Process for	USAPTI Office	O45-			
	chlorinating titaniferous ores		1_US_PATENTS_RE_DUP ONT-000096 © 045- 1_US_PATENTS_RE_DUP			
			ONT-000099			
2489	Aug. 25, 1995 US5624490 Process for treating metal chlorides	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000100 CO45- 1_US_PATENTS_RE_DUP ONT-000104			
2490	Fluidized Bed Process for Chlorinating Titanium Containing Material and Coke Useful in Such Process			US5389353 Pet coke and operating velocities etc.pdf		
2491	Equipment Specification 42" Micron Grinder MG-773A/B Body Assembly Steam Header	Bank of East Asia Safe Deposit Box; SVE034332		07 steam header.pdf		
2492	Equipment Specification 42" Micron Grinder MG-773A/B Body Assembly Steam Nozzle	Bank of East Asia Safe Deposit Box; SVE034332		08 nozzles.pdf		
2493	Equipment Specification 42" Micron Grinder MG-773A/B Bottom Cover Assembly	Bank of East Asia Safe Deposit Box; SVE034332		09 bottom assembly.pdf		
2494	Equipment Specification 42" Micron Grinder MG-773A/B Bottom Cover Plate	Bank of East Asia Safe Deposit Box; SVE034332		10 bottom cover plate.pdf		
2495	Equipment Specification 42" Micron Grinder MG-773A/B Bottom Cover Assembly Bottom Liner	Bank of East Asia Safe Deposit Box; SVE034332		11 bottom liner.pdf		
2496	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly	Bank of East Asia Safe Deposit Box; SVE034332		12 top cover assembly.pdf		
2497	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Top Cover Plate	Bank of East Asia Safe Deposit Box; SVE034332		13 top cover plate.pdf		
2498	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Top Liner	Bank of East Asia Safe Deposit Box; SVE034332		14 top cover liner.pdf		
2499	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Top Liner Details I	Bank of East Asia Safe Deposit Box; SVE034332		15 top cover detail-1.pdf		
2500	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Top Liner Details II	Bank of East Asia Safe Deposit Box; SVE034332		16 top cover details-2.pdf		
2501	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Venturi Liner Details	Bank of East Asia Safe Deposit Box; SVE034332		17 top cover deatisl-3.pdf		
2502	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Feed Hopper Assembly	Bank of East Asia Safe Deposit Box; SVE034332		18 top cover feed hopper.pdf		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page189 of 244

2503	Equipment Specification 42" Micron Grinder MG-773A/B Top Cover Assembly Feed Hopper Details	Bank of East Asia Safe Deposit Box; SVE034332		19 top cover hopper detail.pdf		
2504	Equipment Specification 42" Micron Grinder MG-773A/B Outlet Extension	Bank of East Asia Safe Deposit Box; SVE034332		20 outlet extension.pdf		
2505	Equipment Specification 42" Micron Grinder MG-773A/B Inlet Steam Nozzle Assembly	Bank of East Asia Safe Deposit Box; SVE034332		21 inlet steam.pdf		
2506	Equipment Specification 42" Micron Grinder MG-773A/B Inlet Steam Nozzle Assembly Inlet Steam Stub	Bank of East Asia Safe Deposit Box; SVE034332		22 inlet steam stub.pdf		
2507	Equipment Specification 42" Micron Grinder MG-773A/B Mounting Base	Bank of East Asia Safe Deposit Box; SVE034332		23 mounting base.pdf		
2508	Equipment Specification 42" Micron Grinder MG-773A/B Inlet Steam Nozzle Assembly Details	Bank of East Asia Safe Deposit Box; SVE034332		24 inlet steam details.pdf		
2509	Equipment Specification 42" Micron Grinder MG-773A/B Gaskets	Bank of East Asia Safe Deposit Box; SVE034332		25 gaskets.pdf		
2510	Equipment Specification 42" Micron Grinder MG-773A/B Gaskets	Bank of East Asia Safe Deposit Box; SVE034332		26 gaskets.pdf		
2511	Equipment Specification 42" Micron Grinder MG-773A/B Fasteners	Bank of East Asia Safe Deposit Box; SVE034332		27 fasteners.pdf		
2512	Equipment Specification 42" Micron Grinder MG-773A/B Follower Extraction Tool	Bank of East Asia Safe Deposit Box; SVE034332		28 extraction tool.pdf		
2513	Recommended Import Equipment	USAPTI Office; SVE034297		Recommended Import Equipment.xlsx		
2514	Equipment Specifications for Micronizer (MG7720)	USAPTI Office; SVE034297		MG7720- MICRONIZER_ceramic- COMPONENT.pdf		
2515	Sturtevant Proposal	USAPTI Office; SVE034297		USA Performance Tech 42 Inch TiO2 Mic 11-3-P70 - March 15th, 2011.doc		
2516	General Arrangement 55714D	USAPTI Office; SVE034297		55714D 42 inch Mic for TiO2 - March 15th, 2011.pdf		
2517	Materials Required for Extended Life	USAPTI Office; SVE034297		Materials Required for Extended Life June 2006.doc		
2518	Fluidization Air Calculation 30k and 100k	USAPTI Office; SVE034297		Fluidization Air Calculations.xlsx		
2519	C1-008560 - C1-008563	(C1-008560 - C1-008563			
2520	C1-08600 - C1-08615	(C1-08600 - C1-08615			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page190 of 244

2521	C1 documents re USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project for Contract No. 09USSCY32PGTY24	Liew Residence or USAPTI Office			
2522	C1 documents re USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project for Contract No. 09USSCY32PGTY24	Liew Residence or USAPTI Office			
2523	C1 documents re USAPTI Process Description re BI Submittal, dated September 2009	Liew Residence or USAPTI Office			
2524	C1 documents re USAPTI Process Description re BI Submittal Vol III, dated September 2009	Liew Residence or USAPTI Office			
2525	C1 documents re USAPTI BI Submittal Vol III, dated September 2009	Liew Residence or USAPTI Office			
2526	C1 documents re USAPTI BI Submittal, dated September 2009	Liew Residence or USAPTI Office			
2527	C1 documents re USAPTI BI Submittal, dated September 2009, and USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project for Contract No. 09USSCY32PGTY24	Liew Residence or USAPTI Office			
2528	C1 documents re USAPTI Master Copy re BI Submittal, Sept. 2009, Process Vol. 1, including drawings re drawings re 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office			
2529	C1 documents re USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office			
2530	C1 documents re USAPTI Equipment List for 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office			
2531	C1 documents re USAPTI Process Description re BI Submittal re Equipment	Liew Residence or USAPTI Office			
2532	C1 documents re USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office			
2533	C1 documents re USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office			
2534	C1-008512 - C1-008559		C1-008512 - C1-008559		
2535	C1 documents re USAPTI drawings re 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office	3. 00000		
2536	C1 document - Performance Group Piping Specifications for 30, 000 MTPY TiO2 Production by Chloride Process	Liew Residence or USAPTI Office			
2538	C1 documents re 30K TiO2 Project Oxidation Drawings	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page191 of 244

2539	C1 documents re 2010.02.15 30K TiO2 Project				
25.40	P&ID Drawings	USAPTI Office			
2540	C1 documents re 30K TiO2 Project P&ID drawings	Liew Residence or USAPTI Office			
2541	C1-008616 - C1-008635		C1-008616 - C1-008635		
2542	C1-008646 - C1-008660		C1-008646 - C1-008660		
2543	C1-000262, DUP000759, C1-000759, C1- 000268, C1-001431, C1-001435, C1-001437, C1-001443 - C1-001444, C1-0046 - C1-0047, C1-001451, C1-001464 - C1-0068, C1-001485 - C1-001490		C1-000262, DUP000759, C1- 000759, C1-000268, C1- 001431, C1-001435, C1- 001437, C1-001443 - C1- 001444, C1-0046 - C1- 0047, C1-001451, C1- 001464 - C1-0068, C1- 001485 - C1-01490		
2544	C1-001443 - C1-001451, C1-001461 - C1- 001468, C1-001473, C1-001476 - C1-001477, C1-001488		C1-001443 - C1-001451, C1- 001461 - C1-001468, C1- 001473, C1-001476 - C1- 001477, C1-001488		
2545	C1-000266; C1-000275; C1-000294 - C1- 000297; C1-000306 - C1-000312; C1-000318 - C1-000319; C1-000330 - C1-000335; C1- 000339 - C1-000340; C1-001442 - C1-001453		C1-000266; C1-000275; C1- 000294 - C1-000297; C1- 000306 - C1-000312; C1- 000318 - C1-000319; C1- 000330 - C1-000335; C1- 000339 - C1-000340; C1- 001442 - C1-001453		
2546	C1-000294 - 354, C1-001430-1434, C1-001442		C1-000294 - C1-000354; C1- 001430 - C1-0001434; C1- 001442		
2547	C1-008724 - C1-008725; C1-000872, C1- 008727 - C1-008894	Tze Chao	C1-008724 - C1-008725; C1- 000872, C1-008727 - C1- 008894		
2548	C1-008951 - C1-008978	Tze Chao	C1-008951 - C1-008978		
2549	C1-009063	Tze Chao	C1-009063		
2550	C1-009064	Tze Chao	C1-009064		
2551	C1-009065	Tze Chao	C1-009065		
2552	C1-009066 - C1-9067	Tze Chao	C1-009066 - C1-9067		
2553	C1-009068	Tze Chao	C1-009068		
2554	C1-009069 - C1-9071	Tze Chao	C1-009069 - C1-9071		
2555	C1-009072, C1-009074, C1-009076	Tze Chao	C1-009072, C1-009074, C1- 009076		
2556	C1-009073 and C1-9075	Tze Chao	C1-009073 and C1-9075		
2557	C1-009077 - C1-9086	Tze Chao	C1-009077 - C1-9086		
2558	C1-008898 - C1-008946	Tze Chao	C1-008898 - C1-008946		
2559	C1-009089 - C1-009090	Tze Chao	C1-009089 - C1-009090		
2560	C1-008979 - C1-008991	Tze Chao	C1-008979 - C1-008991		
2561	C1-008992 - C1-008996	Tze Chao	C1-008992 - C1-008996		
2562	C1-008998 - C1-009040	Tze Chao	C1-008998 - C1-009040		
2563	C1-009041 - C1-009045	Tze Chao	C1-009041 - C1-009045		
2303	C1 007041 - C1-007043	120 CHao	C1 007071 - C1-007043		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page192 of 244

2564	C1-009046	Tze Chao	C1-009046			
2565	C1-009048 - C1-009056	Tze Chao	C1-009048 - C1-009056			
2566	C1-009059 - C1-009062	Tze Chao	C1-009059 - C1-009062			
2567	C1-009087	Tze Chao	C1-009087			
	C1-009087 C1-009091 - C1-009117	Tze Chao	C1-009087			
2568	C1-009091 - C1-009117 C1-009118 - C1-009123					
2569		Tze Chao	C1-009118 - C1-009123			
2570	C1-009124 - C1-009128	Tze Chao	C1-009124 - C1-009128			
2571	C1-009129 - C1-009149	Tze Chao	C1-009129 - C1-009149			
2572	C1-009150	Tze Chao	C1-009150			
2573	C1-009151 - C1-009153	Tze Chao	C1-009151 - C1-009153			
2574	C1-009154 - C1-009158	Tze Chao	C1-009154 - C1-009158			
2575	C1-009047	Tze Chao	C1-009047			
2576	C1-009057 - C1-9058	Tze Chao	C1-009057 - C1-9058			
2577	C1-009159 - C1-9162	Tze Chao	C1-009159 - C1-9162			
2578	C1-009163 - C1-9182	Tze Chao	C1-009163 - C1-9182			
2579	C1-009183 - C1-009192	Tze Chao	C1-009183 - C1-009192			
2580	C1-009193	Tze Chao	C1-009193			
2581	C1-009194 - C1-009267	Tze Chao	C1-009194 - C1-009267			
2582	C1-009703	Tze Chao	C1-009703			
2583	C1-009268 - C1-009274	Tze Chao	C1-009268 - C1-009274			
2584	C1-009275 - C1-009278	Tze Chao	C1-009275 - C1-009278			
2585	C1-009279 - C1-009292	Tze Chao	C1-009279 - C1-009292			
2586	C1-009293 - C1-009296	Tze Chao	C1-009293 - C1-009296			
2587	C1-009297 - C1-009301	Tze Chao	C1-009297 - C1-009301			
2588	C1-009302 - C1-009390	Tze Chao	C1-009302 - C1-009390			
2589	C1-009625 - C1-009699	Tze Chao	C1-009625 - C1-009699			
2590	C1-009508 - C1-009624	Tze Chao	C1-009508 - C1-009624			
2591	C1-009700	Tze Chao	C1-009700			
2592	C1-009701 - C1-009702	Tze Chao	C1-009701 - C1-009702			
2593	C1-009391 - C1-009507	Tze Chao	C1-009391 - C1-009507			
2594	Notes re TiO2 from SVE034309	USAPTI Office;		TIO2NOTE.DOC		
20).	Trotes to Tro 2 from 5 v 205 1505	SVE034309		1102110121200		
2595	Metadata for TIO2NOTE.DOC	USAPTI Office;				
		SVE034309				
2596	Webpage from SVE034309 re Chlorination	USAPTI Office;		CHLORNTN.HTM		
20,0	patents	SVE034309				
2597	Webpage from SVE034309 re US Patent	USAPTI Office;		P4891204.HTM		
2371	4891204	SVE034309		14051204.111111		
2598	Webpage from SVE034309 re patent search	USAPTI Office;		POSTTMT.HTM		
2396	results	SVE034309		FOSTIWIT.IIIWI		
2599	List of patents from SVE034309	USAPTI Office;		TIO2DUP2.TXT		
2399	List of patents from 5 v E034309	SVE034309		1102D0F2.1X1		
2600	L' . C C . CME024200			TIO2DI ID2 TVT		
2600	List of patents from SVE034309	USAPTI Office;		TIO2DUP3.TXT		
2601	C	SVE034309				
2601	Screenshot from SVE034309	USAPTI Office;				
2502	g 1 . C gyrpocycos p	SVE034309				
2602	Screenshot from SVE034297 Research	USAPTI Office;				
2.502	Materials folder	SVE034297				
2603	Screenshot from SVE034297 Chlorine and	USAPTI Office;				
	TiCl4 Manuals folder	SVE034297				

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page193 of 244

2604	Screenshot from SVE034297 Collected	USAPTI Office;				
	Technical Articles folder	SVE034297				
2605	Screenshot from SVE034297 TiO2 Research folder	USAPTI Office; SVE034297				
2606	Screenshot from SVE034297 Other collected Patents of Interest folder	USAPTI Office; SVE034297				
2607	Screenshot from SVE034297 Books on Chemical Engineering folder	USAPTI Office; SVE034297				
2608	James R. Couper, W. Roy Penney, et al. Chemical Process Equipment Selection and Design, Second Edition.	USAPTI Office; SVE034297		Chemical-Process-Equipment James Couper.pdf		
2609	Stanley M. Walas. <u>Chemical Process</u> Equipment, Selection and Design.	USAPTI Office; SVE034297		Chemical-Process-Equipment Selection by James Walas MIT.pdf		
2610	Screenshot from SVE034297 Crane Technical Paper TP410	USAPTI Office; SVE034297				
2611	Crane Co Technical Paper No. 410, 2009	USAPTI Office; SVE034297		Flow-of-Fluid-Crane 2009 Ed. (OCR'd).pdf		
2612	June 6, 2011 Sale and Purchase Agreement	Lee & Lee				
2613	Certificate of Title	Lee & Lee				
2614	CAD Model	USAPTI Office; SVE034297		30K PIPING.dwf		
2615	CAD Model	USAPTI Office; SVE034297		CHLORINATION.dwf		
2616	CAD Model	USAPTI Office; SVE034297		Finishing Layout.dwf		
2617	CAD Model	USAPTI Office; SVE034297		Oxidation Layout.dwf		
2618	CAD Model	USAPTI Office; SVE034297		OXIDATION -PIPING1.dwf		
2619	Email from R. Maegerle to Liew re Purge Chlorine Flow	Yahoo! Email	C2-000006.00003954 - C2- 000006.00003955			
2620	Chlorine calculations	USAPTI Office; SVE034297		Chlorine purge calc by Bob according to Crane TP410.xls		
2621	Document re Purge Pump	USAPTI Office; SVE034297		P-3620 Purge Pump.doc		
2622	Mandarin document re Expert Discussion Forum for the 30,000-ton/year Chlorination Process Titanium Dioxide Boiling Chlorination Project at Pangang Group Jinzhou Titanium Co. Ltd.			沸腾氯化专家讨论会10- 17[210322].doc		
2623	Translation of Mandarin document re Expert Discussion Forum for the 30,000-ton/year Chlorination Process Titanium Dioxide Boiling Chlorination Project at Pangang Group Jinzhou Titanium Co. Ltd.			Translation of 沸腾氯化专家讨论会10- 17[210322].doc		
2624	June 25, 1996 Letter from W. Liew to Chee-Like re copy of patents	Bank of East Asia Safe Deposit Box; SVE034332		CHEE1.DOC		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page194 of 244

2625	Notes re US Patent 5389353	Bank of East Asia Safe Deposit Box; SVE034332		US Patent 5389353 Chlorination by Hans Glaeser.doc		
2626	Notes re US Patent 7150421	Bank of East Asia Safe Deposit Box; SVE034332		United States Patent 7150421 Kronos.doc		
2627	EP1717203	Bank of East Asia Safe Deposit Box; SVE034332		EP1717203 Production of TiCl4 using a Fludized Bed Reactor 2005.pdf		
2628	Book: Industrial Minerals and Rocks. Society for Mining, Metallurgy and Exploration, 2006	University of Minnesota Library				
2629	Diebold, Ulrike. The surface science of titanium dixoide. Elsevier Science, 2002	Huddle				
2630	McNulty, G.S. "Production of titanium dioxide." Huntsman Pigments, Tioxide Europe Ltd.	Huddle; EU Norm.org Website (http://v.pl.3.eu- norm.org/index.pdf)				
2631	Tronox presentation: "TiO2, the technical and the rational" by Robin de Bondt	Huddle				
2632	Mueller, Willard. "The Origins of the Basic Inventions Underlying DuPont" from The Rate & Direction of Inventive Activity: Economic and Social Factors. Universities-National Bureau, 1962, pp. 323-358	Huddle				
2633	C1-009704	Tze Chao	C1-009704			
2634	C1-009705	Tze Chao	C1-009705			
2635	C1-009706	Tze Chao	C1-009706			
2636	C1-009707	Tze Chao	C1-009707			
2637	C1-009708	Tze Chao	C1-009708			
2638	C1-009709 - C1-009710	Tze Chao	C1-009709 - C1-009710			
2639	C1-009711 - C1-009728	Tze Chao	C1-009711 - C1-009728			
2640	C1-009729 - C1-009729	Tze Chao	C1-009729 - C1-009729			
2641	C1-009731 - C1-010012	Tze Chao	C1-009731 - C1-010012			
2642	Mar. 22, 2002 Doc "Altamira Chloride Renewal POR Plus Area Basic Data Report," C1-010013 - C1-010513	Tze Chao	C1-010013 - C1-010513			
2643	Powder X-ray Diffractioni Laboratory Graphs, C1-010514 - C1-010519	Tze Chao	C1-010514 - C1-010519			
2644	Jan. 12, 2002 Doc "SCD OXIDATION Advanced Commercial Development Line Basic Data Report SCD Conveying and Storage", C1- 010520 - C1-010641	Tze Chao	C1-010520 - C1-010641			
2645	Mar. 5, 2002 "Process of Making TiO2 & Fe Metal from Itaniferous Ores, C1-010642- C1- 010643	Tze Chao	C1-010642 - C1-010643			
2646	Apr. 3, 2002 "Process of Making TiO2 & Fe Metal from Titaniferous Ores, C1-010644- C1- 010645	Tze Chao	C1-010644- C1-010645			
2647	"Silica Build-up in JV Fume Disposal" by Dana Kincaid, C1-010646- C1-010647	Tze Chao	C1-010646 - C1-010647			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page195 of 244

2648	Sino Titanium Technology, Ltd. Assessment Report, C1-010648- C1-010703	Tze Chao	C1-010648 - C1-010703		
2649	Sino Titanium Technology, Ltd. Assessment Report, C1-010704- C1-010753	Tze Chao	C1-010704 - C1-010753		
2650	June 30, 2000 DuPont Memo re U.S. TiO2 Market Analysis, C1-010754 - C1-010757	Tze Chao	C1-010754 - C1-010757		
2651	Nov. 15, 1999 Tze Chao Summary Description of the Hainan Mineral Project, C1-010758 - C1- 010761	Tze Chao	C1-010758 - C1-010761		
2652	Dec. 6, 2000 Tze Chao Summary Description of the Wan-Ning, Hainan Heavy Metal Project, C1- 010762 - C1-010765		C1-010762 - C1-010765		
2653	Summary of Hianan Heavy Mineral Project , C1-010770 - C1-010775	Tze Chao	C1-010770 - C1-010775		
2654	Search Reports and Graphs, C1-010776 - C1-010803	Tze Chao	C1-010776 - C1-010803		
2655	Technology Development Plan for Spray Condenser Discharge Oxidation For Chlorine Recycle, C1-010804 - C1-0107869	Tze Chao	C1-010804 - C1-0107869		
2656	Jan 19, 1998 Tze Chao doc "The Trend of TiO2 Pigment Industry And the Importance of Ti- ORE Feedstock, labeled C1-0107870 - C1- 010885	Tze Chao	C1-0108870 - C1-010885		
2657	April 2000 Tze Cao doc "TiO2 Industry Review," labeled C1-010886 - C1-010889	Tze Chao	C1-010886 - C1-010889		
2658	May 20, 1999 Tze Chao Doc "Tiwest Ilmenite Ore Analyses: Past (TC-10-90) & Present (TC-9- 99)" labeled C1-010890 - C1-010891	Tze Chao	C1-010890 - C1-010891		
2659	Document: Verification Trenching Sampling Condition, labeled C1-010892 - C1-010893	Tze Chao	C1-010892 - C1-010893		
2660	July 9, 2000 Letter from Tze Chao to Prof. TerKel Rosenqvist, labeled C1-010894 - C1- 010895	Tze Chao	C1-010894 - C1-010895		
2661	Document "SCD-Soda Ash/C Reduction: FeClx Direct to Metallic Fe Result," labeled C1- 010896 - C1-010903	Tze Chao	C1-010896 - C1-010903		
2662	Document "Lime Neutralization-CaCl2 Crystallization, labeled C1-010904 - C1-010915	Tze Chao	C1-010904 - C1-010915		
2663	Jul. 19, 2000 Document "Hot-Hot Cyclone for DeLisle CBM & Altamira AlClor Basic Data Report" labeled C1-010916 - C1-011031	Tze Chao	C1-010916 - C1-011031		

Case3:11-cr-00573-JSW Dogwier ក្រុំត្រូវ Filed01/06/14 Page196 of 244

2664	Jul. 19, 2000 Document "Hot-Hot Cyclone for DeLisle CBM & Altamira AlClor Basic Data Report" labeled C1-011032 - C1-011035	Tze Chao	C1-011032 - C1-011035
2665	Pages from a document labeled C1-011036 - C1-011043	Tze Chao	C1-011036 - C1-011043
2666	Oct. 10,2009 Draft of document "White Pigment and Mineral Products," labeled C1-011044 - C1- 011081	Tze Chao	C1-011044 - C1-011081
2667	Page from document re Edge Moor, labeled C1-011082 - C1-011083	Tze Chao	C1-011082 - C1-011083
2668	Document "Liquid CaCl2 In the TiO2 Chlorinator Bed," labeled C1-011084 - C1- 011107	Tze Chao	C1-011084 - C1-011107
2669	Drawing, labeled C1-011108 - C1-011109	Tze Chao	C1-011108 - C1-011109
2670	Oct. 10, 1999 Final Drat "White Pigment and Mineral Products," labeled C1-011109.0001 - C1-011109.0038	Tze Chao	C1-011109.0001 - C1- 011109.0038
2671	Document "Liquid CaCl2 In the TiO2 Chlorinator Bed," labeled C1-011110.0001 - C1- 011110.0020	Tze Chao	C1-011110.0001 - C1- 011110.0020
2672	File 08-Newcacl2.com[237003].doc and Figure 4-1 STT Chloride Technology Flowsheet, labeled C1-011110 - C1-011111	Tze Chao	C1-011110 - C1-011111
2673	Figure TC-1 Conceptual Process Flowsheet and Description of the Modern Chloride Process, labeled C1-011112 - C1-011117	Tze Chao	C1-011112 - C1-011117
2674	PRC's 1st 60k tpa TiO2 Pigment Plant by the Chloride Process	Tze Chao	C1-011118 - C1-011137
2675	PRC's 1st 60k tpa TiO2 Pigment Plant by the Chloride Process	Tze Chao	C1-011138 - C1-011157
2676	Chloride Renewal - Altamira Development Line Basic Data Report PG&S (Process, General and Services) Facilities	Tze Chao	C1-011158 - C1-011254
2677	DuPont Variance Analysis	Tze Chao	C1-011255 - C1-011299
2678	Coke and Chlorine Yields?	Tze Chao	C1-011300 - C1-011324
2679	DuPont Variance Analysis	Tze Chao	C1-011341 - C1-011394
2680	Project: Ciera Technology, NJ	Tze Chao	C1-011395 - C1-011398
2681	Heat consumption in kiln	Tze Chao	C1-011399 - C1-011400
2682	Johnsonville Base Case and Alternative Cases	Tze Chao	C1-011401 - C1-011432
2683	Uniquant XRF Analysis of Chang-Ann Trench Ore Samples	Tze Chao	C1-011433 - C1-011464
2684	DuPont Variance Analysis	Tze Chao	C1-011465 - C1-011518
2685	Micronizer Position	Tze Chao	C1-011519 - C1-011532
2686	Micronizer Position	Tze Chao	C1-011533 - C1-011546
2687	Iron Rich Pellets Calcined @ 1000 C	Tze Chao	C1-011547 - C1-011548
2688	Iron Rich at 57.6% H2O Drying Percentages - Ishihara Total	Tze Chao	C1-011549 - C1-011584
2689	Yokkaichi (S) - JV NaCl Effluent	Tze Chao	C1-011585 - C1-011628

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page197 of 244

2690	Tioxide Total	Tze Chao	C1-011629 - C1-011699		
2691	Tioxide Total	Tze Chao	C1-011700 - C1-011770		
2692	Pigment production, M tonnes	Tze Chao	C1-011771 - C1-011776		
2693	TM17 Signatures for Kuan Yin SCDS samples	Tze Chao	C1-011777 - C1-011828		
2004	ENVIZO: 4 C M M' CODO 1	T. Cl	C1 011920 C1 011992		
2694	TM17 Signatures for Kuan Yin SCDS samples	Tze Chao	C1-011829 - C1-011882		
2		m 61	G1 011002 G1 011001		
2695	Notebook # - Sample Name	Tze Chao	C1-011883 - C1-011884		
2696	Key Inputs/Outputs - Peru 1B-2 (Anatase	Tze Chao	C1-011885 - C1-011898		
2607	Concentrate Only)	T. Cl	C1 011000 C1 011014		
2697	Key Inputs/Outputs - Peru	Tze Chao	C1-011899 - C1-011914		
2698	Peruvian Ore	Tze Chao	C1-011915 - C1-011920		
2699 2700	Key Inputs/Outputs - Peru Key Inputs/Outputs - Peru	Tze Chao Tze Chao	C1-011921 - C1-011934 C1-011935 - C1-011950		
2700	Key Inputs/Outputs - Peru 1B-1 (Mine to Base	Tze Chao	C1-011935 - C1-011950 C1-011951 - C1-011964		
2701	Pigment)	i ze Ciiao	C1-011931 - C1-011904		
2702	Peru Anatase - Case 1B-1 (Mining, Min.	Tze Chao	C1-011965 - C1-011970		
2702	Concentration & Base Pigment)	12c Chao	C1-011703 - C1-011770		
2703	Peruvian Ore	Tze Chao	C1-011977 - C1-011998		
2703	Key Inputs/Outputs - Peru	Tze Chao	C1-011977 - C1-011998 C1-011999 - C1-012012		
2705	Tioxide Total	Tze Chao	C1-012013 - C1-012084		
2706	Moisture Content by Forced Air Oven	Tze Chao	C1-012085 - C1-012086		
2707	Jackson Laboratory Ore Analysis Report #0279	Tze Chao	C1-012087 - C1-012088		
2707	suckson Europated y of Crimarysis resport #0277	12c Chao	C1 012007 C1 012000		
2708	2000 Pigment Demand Matrix?	Tze Chao	C1-012089 - C1-012156		
2709	Case Description: Reactor Area at Average Rate		C1-012157 - C1-012622		
	,				
2710	Case Description: Reactor Area at Maximum	Tze Chao	C1-012623 - C1-013088		
	Rate				
2711	Case Description: Reactor Area at Minimum	Tze Chao	C1-013089 - C1-013554		
	Rate				
2712	2000 Monthly Cost Detail - TiO2 Florida Plant	Tze Chao	C1-013555 - C1-013777		
	Costs				
2713	Forecasting capital investment and synthesizing	Tze Chao	C1-013778 - C1-013786		
	new process alternatives for manufacturing				
	TiO2				
2714	Phosphate process flow diagram	Tze Chao	C1-013787 - C1-013788		
2715	Major Industrial Routes to TiO2	Tze Chao	C1-013789 - C1-013790		
2716	Novel Routes to TiO2 (Apex #22)	Tze Chao	C1-013795 - C1-013797		
2717	Thermodynamics of Aqueous Ferrous and	Tze Chao	C1-013798 - C1-013804		
	Titanium (IV) Oxalates)				
2718	Sulfate (and Other) Processes	Tze Chao	C1-013805 - C1-013810		

Case3:11-cr-00573-JSW Dogwier 1661 Filed01/06/14 Page198 of 244

2719	Forecasting capital investment and synthesizing new process alternatives for manufacturing TiO2	Tze Chao	C1-013817 - C1-013826
2720	DuPont Daily News - DuPont, City of Dongying, China, Start Talks Concerning New TiO2 Plant	Tze Chao	C1-013827 - C1-013828
2721	Expedia Map of China - Forecasting capital investment and synthesizing new process alternatives for manufacturing TiO2	Tze Chao	C1-013829 - C1-013838
2722	Phosphate process flow diagram - DuPont Ti- Pure R-104	Tze Chao	C1-013839 - C1-013841
2723	Chloride Renewal - Altamira Development Line Thermal Processing Area - Basic Data Rev B Report	Tze Chao	C1-013842 - C1-014192
2724	Altamira Basic Data Report - Chloride Renewal Process - Vanadium Recovery Area	Tze Chao	C1-014193 - C1-014452
2725	Conceptual Flowsheet - Soda Ash/C Roasting of SCD Direct to Metallic Fe	Tze Chao	C1-014453 - C1-014454
2726	STT Chloride Technology Flowsheet	Tze Chao	C1-014455 - C1-014457
2727	Market Overview: Demand, Share, Competitor Position - OT Meeting	Tze Chao	C1-014458 - C1-014476
2728	Market Overview: Demand, Share, Competitor Position - OT Meeting	Tze Chao	C1-014477 - C1-014495
2729	Baseline Data: New Chlorinator on Line 2	Tze Chao	C1-014496 - C1-014502
2730	CBDO - Mineral Separation	Tze Chao	C1-014503 - C1-014507
2731	CBM Review - DeLisle	Tze Chao	C1-014508 - C1-014532
2732	Baseline Data: New Chlorinator on Line 2	Tze Chao	C1-014533 - C1-014539
2733	WPMP: Competitive Intelligence - Global Finance Meeting	Tze Chao	C1-014540 - C1-014566
2734	Cl2 Inventory Needs		C1-014567 - C1-014575
2735	Landfill Status/Needs/Options		C1-014576 - C1-014587
2736	Landfill Team Charter - Oxidation Capacity at JV-II		C1-014588 - C1-014606
2737	Oxidation Capacity at JV-II		C1-014607 - C1-014625
2738	Path Forward - APEX #22: Next Generation TiO2 Process		C1-014626 - C1-014646
2739	Ore Pre-Treatment Option - Reductive Substitution		C1-014647 - C1-014707
2740	PACE for Process Meeting Agenda		C1-014708 - C1-014733
2741	DuPont Titanium Technologies - The Analytical Chemistry of Environmental Excellence		C1-014734 - C1-014777
2742	PBT Generation Testing at KY (AAB/ZIDO/SME)		C1-014778 - C1-014807
2743	PBT Fundamentals and the Drive for Reduction		C1-014808 - C1-014843
2744	PBT Generation Testing at KY (AAB/ZIDO/SME)		C1-014844 - C1-014873
2745	Peruvian Ore Review		C1-014874 - C1-014916

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page199 of 244

2746	Hainan Ilmenite Upgrading Conceptual Flowsheet		C1-014917 - C1-014947			
2747	DeLisle Line 2 STIFS Uptime		C1-014948 - C1-014959			
2748	TiO2 Life Cycle Analysis - Presentation of Results		C1-014960 - C1-014994			
2749	TiO2 Market: Competitive Overview		C1-014995 - C1-015024			
2750	Hot-Hot Cyclones - DeLisle-1 CBM and Altamira Chloride Renewal Projects		C1-015025 - C1-015042			
2751	DuPont: The Miracles of Science - TiO2 Business: Sustainable Growth		C1-015043 - C1-015096			
2752	Sulfate (and Other) Processes		C1-015169 - C1-015176			
2753	Market, Technical & Geologic Assessment of the Peruvian Giacomo Ore Body		C1-015177 - C1-015193			
2754	Peruvian Anatase Ore Evaluation		C1-015194 - C1-015206			
2755	Peruvian Anatase Ore Evaluation		C1-015207 - C1-015216			
2756	Diagram (in Chinese) - Pan Zhi Hua PG Group Design and Research Institute		C1-015217 - C1-015218			
2757	ApexQuick 2000 Value & Profitability Calculator		C1-015219 - C1-015223			
2758	Letter Agreement to William Zeising, CARR Separations, from Michael Doyle, DuPont		C1-015224 - C1-015226			
2759	TiO2 Chloride Process Conceptual Flowsheet		C1-015227 - C1-015232			
2760	Preliminary Economics: Expanded Neutralization vs Chloride Renewal		C1-015233 - C1-015248			
2761	TiO2 Life Cycle Analysis (Draft) - Presentation of Results		C1-015249 - C1-015269			
2762	Tioxide - Terengganu, Malaysia		C1-015270 - C1-015274			
2763	Chloride Renewal Ore Strategy		C1-015275 - C1-015292			
2764	Oxidation Capacity at JV-II		C1-015293 - C1-015311			
2765	Chloride Renewal Ore Strategy		C1-015312 - C1-015321			
2766	Oxidation Rate Controller - Savannah Peru		C1-015322 - C1-015331			
2767	Peruvian Ore Review: Stage 0		C1-015332 - C1-015360			
2768	SOX/Ilmenite Strategy - Manufacturing Cost Advantage vs Competition		C1-015361 - C1-015378			
2769	Tze Chao 1/21/00 Case II		C1-015379 - C1-015395			
2770	? - Dennis Redmond, X-ray Powder Diffraction Laboratory, DuPont		C1-015396 - C1-015413			
2771	Review of Documents at Request of DOJ		C1-015097 - C1-015168			
2772	Review of Documents at Request of DOJ - AHR Comments on AIC13 Drawings Included		C1-015414 - C1-015455			
2773	C1 - ABA67/PER101/from BobR 22Aug08/Chlorination GA drawings 10 Pages.pdf///	Able-Baker		C1 - ABA67/PER101/from BobR 22Aug08/Chlorination GA drawings 10 Pages.pdf///		
2774	C1 - Oxidation & Finishing PFD 001 to 007	Able-Baker		C1 - Oxidation & Finishing PFD 001 to 007		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page200 of 244

2775	C1 - ABA67/PER101/from BobR 22Aug08/GA Drawings Oxidation & Finishing 9 Pages.pdf///	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/GA Drawings Oxidation & Finishing 9 Pages.pdf///
2776	C1 - ABA67/PER101/from BobR 22Aug08/General Arrangement and Plan Drawings/GA_100_001_Sht[1]1.dwg//	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/General Arrangement and Plan Drawings/GA_100_001_Sht[1]1.dwg//
2777	C1 - ABA67/PER101/from BobR 22Aug08/General Arrangement and Plan Drawings/GA_100_001_Sht[1]2.dwg//	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/General Arrangement and Plan Drawings/GA_100_001_Sht[1]2.dwg//
2778	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlC13 and Oxidation Reactor design drawings/ALC13 Generator[1].dwg-00.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AICl3 and Oxidation Reactor design drawings/ALCl3 Generator[1].dwg-00.pdf/
2779	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-1.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator- 1.dwg/
2780	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-01 fab.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-01 fab.pdf/
2781	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-02.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator- 02.pdf/
2782	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator- 2.dwg/

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page201 of 244

2783	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2-1.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2- 1.dwg/
2784	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2-2.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2- 2.dwg/
2785	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-1.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-1.pdf/
2786	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2.DWG/
2787	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-1.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-1.DWG/
2788	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-2.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-2.DWG/
2789	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-3.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-3.DWG/

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page202 of 244

2790	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-4.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-2-4.DWG/
2791	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlC13 and Oxidation Reactor design drawings/Oxidation Reactor X200-3.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCI3 and Oxidation Reactor design drawings/Oxidation Reactor X200-3.DWG/
2792	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlC13 and Oxidation Reactor design drawings/Oxidation Reactor X200-4.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-4.DWG/
2793	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-5-1.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-5- 1.dwg/
2794	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-6.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator- 6.dwg/
2795	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-6-1.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-6- 1.dwg/
2796	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-6-2.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-6- 2.dwg/

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page203 of 244

2797	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator tzml.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator tzml.dwg/	
2798	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlC13 and Oxidation Reactor design drawings/AlC13 Overview fab.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AICl3 and Oxidation Reactor design drawings/AICl3 Overview fab.pdf/	
2799	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Overview1.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AICl3 and Oxidation Reactor design drawings/Overview1.pdf/	
2800	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-1.DWG/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/Oxidation Reactor X200-1.DWG/	
2801	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2-3.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2- 3.dwg/	
2802	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-2-4.dwg/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AICl3 and Oxidation Reactor design drawings/AICl3 Generator-2- 4.dwg/	
2803	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-02 fab.pdf/	Able-Baker	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AICl3 and Oxidation Reactor design drawings/AICl3 Generator-02 fab.pdf/	

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page204 of 244

2804	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-3.dwg/	Able-Baker	BobR 2 Oxidati review/. Reactor	AA67/PER101/from 2Aug08/Jinzhou on Drawings for Bob to AICl3 and Oxidation design (s/AICl3 Generator-		
2805	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-03 fab.pdf/	Able-Baker	BobR 2 Oxidati review/. Reactor	s/AlCl3 Generator-03		
2806	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-4.dwg/	Able-Baker	BobR 2 Oxidati review/. Reactor	A67/PER101/from 2Aug08/Jinzhou on Drawings for Bob to AICl3 and Oxidation design (s/AICl3 Generator-		
2807	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-4-1.dwg/	Able-Baker	BobR 2 Oxidati review/. Reactor	AA67/PER 101/from 2Aug08/Jinzhou on Drawings for Bob to AICl3 and Oxidation design (s/AICl3 Generator-4-		
2808	C1 - ABA67/PER101/from BobR 22Aug08/Jinzhou Oxidation Drawings for Bob to review/AlCl3 and Oxidation Reactor design drawings/AlCl3 Generator-5.dwg/	Able-Baker	BobR 2 Oxidati review/. Reactor	A67/PER 101/from 2Aug08/Jinzhou on Drawings for Bob to AICl3 and Oxidation design ss/AICl3 Generator-		
2810	June 16, 1995 Memo from Allen Chaing to Officer's Loan Committee					
2811	Nov. 10, 2005 Fax from Julie Roy (Applied Analytics) to Allen Chiang	Liew Residence: sve034409	HP Pav Laptop)	_sve034409 (Orinda illion 2500 _511_3377_Performan adium.pdf		
2812	Jul., 21, 1997 Industrial Information Resources PEC REPORT re Antioch TiO2 Plant Partial Dismantlement					

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page205 of 244

2813	Sep. 26 2007 Email from R. Maegerle to W. Liew re Additional Pictures, attaching pictures [369736_Yahoo (Yahoo Mail) Search_entry#404536335_Email Attachment 1] through [369736_Yahoo (Yahoo Mail) Search_entry#404536335_Email Attachment 9]	Yahoo! Email			
2814	FBI translation of 350918_Yahoo Mail_Search_entry #593418157	Yahoo! Email			
2815	163843_sve034322: WD hard drive L1BC1H1_Liu Chenghe on Chloride Process.pdf	Liew Residence or USAPTI Office			
2816	Sep. 22, 2007 Parker Messana & Associates, Inc. Invoice and Timesheets	Liew Residence; H9			
2817	Oct. 13, 2007 Parker Messana & Associates, Inc. Invoice and Timesheets	Liew Residence; H9			
2818	Nov. 24, 2007 Parker Messana & Associates, Inc. Invoice and Timesheets	Liew Residence; H9			
2819	Sep. 8, 2007 Parker Messana & Associates Inc. Invoice & Timesheets	Liew Residence; H9			
2820	Oct. 27, 2007 Parker Messana & Associates Inc. Invoice & Timesheets	Liew Residence; H9			
2821	Sep. 29, 2007 Parker Messana & Associates Inc. Invoice & Timesheets	Liew Residence; H9			
2823	"Scope and Requirement of the TiO2 Project"				
2824	Request for Quote and Scope of Work for Chengde Project 1997-1998	USAPTI Office	O15-CHENGDE_97-98- 000004 - O15- CHENGDE_97-98-000048		
2825	LH Performance Project Approach	Liew Residence or USAPTI Office			
2826	Docs "Request for Quote" and "Process Description"	Liew Residence or USAPTI Office			
2827	Process Diagrams and drawings	Liew Residence or USAPTI Office			
2828	Typed Notes "Response to Complaint for Misappropriation of Trade Secrets"				
2829	Folder Tree: HDD From Safety Deposit Box (633 pages)	Bank of East Asia; Safety Deposity Box			
2830	Handwritten list of US Patents	USAPTI documents received by KVN from C. Liew			
2831	Handwritten Notes re US Patents	Liew Residence or USAPTI Office			
2832	US Patent No. 2,466,181	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page206 of 244

2833	Handwritten Notes	Liew Residence or USAPTI Office			
2834	Handwritten Notes re U.S. Patents	Liew Residence or USAPTI Office			
2835	July 2, 2008 Email from W. Liew to Maegerle re PER101 - TiCl4 Process Data for Flowmeters, labeled C2-000006.00001612 - C2- 000006.00001614	Yahoo! Email			
2836	Aug. 29, 2008 Email from W. Liew to Maegerle re Production Rates of Finishing for 30Kt/a and layout issue	Yahoo! Email	C2-000006.00002293		
2837	Jun 14, 2008 Email from R. Maegerle to Brijesh Bhatnagar; W. Liew re Jinzhou Ferralloy/Petro- Chem proposal MI-08 0864/P408	USAPTI Office	O14-MISC_07-000041 - O14-MISC_07-000044		
2838	May 23, 3005 Email from T Lu to W. Liew re Want to talk	Yahoo! Email	C2-000005.KVN.00010800		
2839	Photograph of Walter Liew				
2840	Photograph of Walter Liew				
2841	Photograph of Walter Liew				
2842	Family Photograph				
2843	Document file "EQUIP SPECIFICATION AICI3 GENERATOR", with enclosed specifications	Maegerle Residence	1B033- EQUIP_SPECIFICATION_ AlCl3-000001 - 1B033- EQUIP_SPECIFICATION_ AlCl3-000012		
2844	Equipment List	Maegerle Residence	1B026-EQUIPMENT_LIST- 000003 - 1B026- EQUIPMENT_LIST-000023		
2845	Performance Group 30,000 MTPY TiO2 by Chloride Route plans, drawings re oxidation	Maegerle Residence	1B033-EQUIP_ARRGTS- 000005 - 1B033- EQUIP_ARRGTS-000012		
2846	Handwritten notes re Storage Tanks	Maegerle Residence	1B026-EQUIP_DETAILS- 000005 - 1B026- EQUIP_DETAILS-000006		
2847	Certificate of Status for Performance Group		C2-004846 - C2-004849		
2848	Draft PIETC contract re TiCl4 Upgrade Project				
2849	USA Performance Technology, Inc. State of California Statement of Information and Articles of Incorporation	Liew Residence or USAPTI Office			
2850	May 5, 1989 Articles of Incorporation for Performance International Incorporated, labeled C2-004857 - C2-004858	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page207 of 244

2851	Oct. 6, 1996 Statement by Domestic Stock Corporation for LH Performance Inc.	Liew Residence	H11-CHLORINATED_PP- 000033 - H11- CHLORINATED_PP- 000034		
2852	Certificate of Status for LH Performance, Inc.	Liew Residence or USAPTI Office	C2-004850 - C2-004852		
2853	Document titled "Recommendation for Zhenjiang"	Yahoo! Email	C2-000091.00000060 - C2- 000091.00000062		
2855	A Brief Introduction of Zhi-Hua Technology Co., Ltd. and Its Team of TiO2 Experts				
2856	C1 - Nov. 14, 1997 "Du Pont Chloride Process for Producing TiO2 Pigments" by Tze Chao				
2857	October 1999 Jingzhou TiO2 Plant Expansion Plan Proposal				
2858	The Global TiO2 Pigment Industry, 2nd Edition, Artikol, May 2001				
2859	Aug. 2000 Chem System Document Titanium Dioxide 99/00S14				
2860	Dec. 7, 1993 and August 26, 1992 Memos re DuPont Chloride Process Patent Activity and Patent Study				
2861	Declaration of Trust re Wang Yuhua re Zhi Hua Technology Co., Limited, with Beneficiary Tze Chao				
2862	List of Cierra Technology, Inc. 2009 Consultant Expenses				
2863	Mar. 26, 2009 Brief Introduction of Cierra Technology, Inc. and Its Team of TiO2 Experts				
2864	Feb. 28, 2007 Press Release "Cristal to Become the World's Second Largest TiO2 Pigment Producer"				
2865	Mar. 13, 2008 Du Pont Titanium Technologies Dongying Titanium Dioxide Plant Core Document: Critical Issues, Messages				
2866	Mar. 13, 2008 Du Pont Titanium Technologies Dongying Titanium Dioxide Plant Core Document: Critical Issues, Messages				
2867	July 29, 2009 Email from Jatin Patel to Maegerle re Reaction/Purification/Oxidation Flow Sheets, with attached USAPTI PFDs	Yahoo! Email			

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page208 of 244

2868	Jan. 23, 2006 Email from R. Maegerle to Zisko; Ernie Nelson; W. Liew re Chlorinator Schematic, with attachment (369993_Yahoo (Yahoo Mail) Search_entry #494126433_Email Attachment)	Yahoo! Email			
2869	Jan. 15, 2009 Email from Walter Liew to Jatin Patel re Chlorination PFD	Yahoo! Email	C2-000091.00016534		
2870	Sep. 29,2008 Email From Walter Liew to Jatin Patel re Pneumatic Conveying Systems	Yahoo! Email	C2-000006.00003357 - C2- 000006.00003360		
2871	Oct. 16, 2009 Email from Walter Liew to Ruth Oduca FW SR Coolers	Yahoo! Email	C2-000004.00003806		
2872	Dec. 12, 2008 Email from Robert Maegerle to Walter Liew re: TiCl4 Slot Width	Yahoo! Email	C2-000006.00004414		
2873	Apr. 7, 2009 Email from Walter Liew to Jatin Patel re TiCl4 Vapor Pressure with attachments	Yahoo! Email	C2-000006.00007706 - C2- 000006.00007710		
2874	Sep. 29, 2008 Email from Walter Liew to Jatin Patel re Pneumatic Conveying Systems	Yahoo! Email	C2-000091.00014444 - C2- 000091.00014447		
2875	Dec. 11, 2008 Email from Walter Liew to Bob Maegerle re TiCl4 Slot Width, with attachments: TiCl4 Velocities Calc by Jatin.xls	Yahoo! Email	C2-000091.00016157 - C2- 000091.00016166		
2876	Jan. 14, 2009 Email from Walter Liew to Jatin Patel re Chlorination mass balance	Yahoo! Email	C2-000091.00016533		
2877	Aug. 5, 2008 Email from Julie Salerno to Walter Liew re Jatin Patel - Project Manager Candidate	Yahoo! Email	C2-000091.00038106 - C2- 000091.00038111		
2878	Feb. 10, 2009 Email from Jatin Patel to Dave House re: Belilove Co Thanks for meeting last week!	Yahoo! Email	C2-000091.00041057 - C2- 000091.00041059		
2879	Textbook by Changhe Liu	Amazon			
2880	June, 21, 2009 Email from Walter Liew to Bob Maegerle re Fluidization Air Requirement; Attaching: Calc of fluidization air by Pangang.doc; Fluidization Air Needed at Chlorinator for Pangang by Wl.xls; Fluidization Air Calculations 100K by Bob's.xls	Yahoo! Email	C2-000091.00049087 - C2- 000091.00049094		
2881	Aug. 5, 2009 Email from Walter Liew to Bob Maegerle re Oxidation Bag filters; Attaching: PFD-012 Separation Collection and Slurry PFD- 012(1).pdf	Yahoo! Email	C2-000091.00049615 - C2- 000091.00049616		
2882	Jul. 17, 2009 Email from Bo, Buhl to Walter Liew re Spray Nozzle at Transfer Line	Yahoo! Email	C2-000091.00066417 - C2- 000091.00066418		

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page209 of 244

2002	T. 1 4 6 2000 T. 11 0 T. 1 T. 1		G2 00000 / 00000100 G2		
2883	Jul. 16, 2009 Email from Walter Liew to Bo Buhel re Spray Condenser info; Attaching: Chlorinator Output Gases.doc	Yahoo! Email	C2-000006.00008188 - C2- 000006.00008190		
2884	June 25, 2009 Email from Walter Liew to Bo Buhel re 30 K T/Y Spray Machine Drawings Attaching: Spray Machine Drawings.pdf	Yahoo! Email	C2-000091.00049160		
2885	Feb. 22, 2011 Email from ESI China to Mike Papadeas re Inquiry for TiCl4 Pumps				
2886	Feb. 23, 2011 Email from ESI China to Bill Porterfield re Inquiry for Screw conveyors				
2887	Mar. 28, 2011 Email from W. Liew to Gary Stewart re Chlorinator Bricks, C2- 000091.00058732	Yahoo! Email	C2-000091.00058732		
2888	Mar. 29, 2011 Email from David Luzan to W. Liew re Rotary Valves MD11C848, C2- 000091.00085946	Yahoo! Email	C2-000091.00085946		
2889	Mar. 29, 2011 Letter from Quantum International to ESI Equipment re Chlorinator Refractory				
2890	Mar. 30, 2011 Email from ESI China to Gary Stewart re Chlorinator Bricks				
2891	Apr. 4, 2011 Email from Gary Stewart to W. Liew re Chlorinator Bricks, C2- 000091.00086607 - C2-000091.00086611	Yahoo! Email	C2-000091.00086607 - C2- 000091.00086611		
2892	Apr. 13, 2011 Email from ESI China to Gary Steward re Chlorinator Bricks				
2893	Apr. 28, 2011 Letter from Gary Stewart to ESI Equipment & Engineering re QIG-1020-3-GS				
2894	May 12, 2011 Email from W. Liew to Gary Stewart re Inquiry on Chlorinator Brick	Yahoo! Email	C2-000091.00061828 - C2- 000091.00061852		
2895	June 24, 2011 Email from Zhou Yonggui to ESI China & Gary Stewart re Technical Annexes - Refractory Bricks				
2896	Jul. 1, 2011 Email from Gary Stewart to Zhou Yonggui re Technical Annexes - Refractory Bricks				
2897	Exclusive Agency Agreement for Quantum's Chlorinator Bricks for Pangang Project between Quantum International and ESI Equipment and Engineering				
2898	Biz File "Ending of Company Transactions" regarding ESI Equipment and Engineering PTE. LTD.				
2899	Aug. 20, 2009 Email from R. Maegerle to W. Liew re No. 2 CC, with drawing attached	Yahoo! Email			
2900	Aug. 19, 2009 Email from R. Maegerle to W. Liew re #1 CC, with drawing attached	Yahoo! Email			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page210 of 244

2901	Mar. 24, 2011 Email from R. Maegerle to W. Liew re Inconel Screw Conveyor Comments for Thomas Conveyors, with attachment	Yahoo! Email			
2902	Aug. 19, 2008 Email from Brijesh Bhatnagar re Oxidation Pumps Schedule, with attachment (361715_Yahoo (Yahoo Mail) Search_entry #148716273_Attachment to Email)	Yahoo! Email	361715_Yahoo (Yahoo Mail) Search_entry #148716273_Attachment to Email		
2903	Nov. 19, 2008 Email from Stephen Amerine to Ken Williams re Bag Filter Proposals	Liew Residence or USAPTI Office			
2904	Valve Company, Inc. Information Sheet	Liew Residence or USAPTI Office			
2905	Cyclone Design Equations Formulas Calculator - Radial Velocity, with handwritten notes, http://www.ajdesigner.com/phpcyclone/cyclone_equation_radial_velocity.php				
2906	Aug. 6, 2008 Email from Daniel Y. Liu to Maegerle re Filter Bags and Rotary Drum Vacuum Filter cloth				
2907	Packaging Systems International, Inc. Auger Max 280 pamphlet	Liew Residence or USAPTI Office			
2908	Sep. 16, 2008 Letter from Larry Davis (Packing Systems) to Steve Amerine re PSI Proposal, and PSI Valve Bag Filler and Conveyors Drawing				
2909	Aug. 25, 2008 Letter and Proposal from Wayne Revell (Taylor Products) to Brijesh Bhatnagar	Liew Residence or USAPTI Office			
2910	Sep. 2008 Performance Group Document re 30K, "Oxidation Bag Filters"	Liew Residence or USAPTI Office			
2911	Nov. 10, 2008 Email from Ken Williams to Stephen Amerine re Dust Collector Proposals	Liew Residence or USAPTI Office			
2912	Jan. 20, 2011 USAPTI Equipment Specification (MG7720), Sheets 1-13	Liew Residence or USAPTI Office			
2913	Dec. 1, 2008 Handwritten Notes re meeting with Fisher Klostman				
2914	Fisher-Klosterman, Inc. Drawing R132B4620F5	Liew Residence or USAPTI Office			
2915	Performance Group Document titled "Oxidation Bag Filters"	Liew Residence or USAPTI Office			
2916	Information Packet and website print of GEA Process Engineering SWIRL FLUIDIZER	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page211 of 244

2917	Oct. 3, 2008 Alstom Power, Raymond Operations Budgetary Proposal No. T08B031R0 for Two Raymond Cage Mill Flash Drying Systems, prepared for Performance Group, Attn: Steve Amerine	Liew Residence or USAPTI Office			
2918	Sep. 15 2008, ALSTOM Power Inc. completed Thermal Processing Questionnaire addressed to Steve Amerine	Liew Residence or USAPTI Office			
2919	ALSTOM Power Inc. Thermal Processing Questionnaire, with handwritten notes	Liew Residence or USAPTI Office			
2920	GEA Niro A/S/ Process Instrumentation Diagram No. 1, Swirl Fluidizer				
2921	Sep. 10, 2008 Email from Steve Amerine to Jeff Morris (Heyl Patterson) re Flash Dryer Specs	Liew Residence or USAPTI Office			
2922	Performance Group "Equipment Specifications Flash Dryer Systems, Equip. # FD-763 A and B"	Liew Residence or USAPTI Office			
2923	Sep. 22, 2008 Email string from R. Maegerle to W. Liew re Jatin Patel's Thanks for having me	Yahoo! Email			
2924	Collection of documents incl. 13 Apr. 2005 Email from David Fronheiser to Ernie Nelson, 506294 _Yahoo (Yahoo Mail) Search_mime part 1 (message_rfc822)_Email Attachment 5, 6, 8, and a Bradley Pulverizer "Typical Arrangment" drawing in Plan view and Elevation	Yahoo! Email	506294_Yahoo (Yahoo Mail) Search_mime part 1 (message_rfc822		
2925	Bradley Pulverizer Co. Equipment Layout drawings (506294_Yahoo (Yahoo Mail) Search_mime part 1 (message_rfc822)_Email Attachment 1 -4	Yahoo! Email	506294_Yahoo (Yahoo Mail) Search_mime part 1 (message_rfc822		
2926	Oct. 3, 2005 Email from Ernie Nelson to Peter Zisko re Resending Bradley Info	Yahoo! Email			
2927	USAPTI Equipment Specification Drawings Oxidation Reactor (R-5500), 3D Overview	Liew Residence or USAPTI Office			
2928	Jul 30, 2008 Email from Jatin Patel to Maegerle re Oxidation PFDs, with attached PFDs	Yahoo! Email			
2929	Apr. 19, 2010 Email from R. Maegerle to W. Liew re 100K Oxidation Reactor 3D	Yahoo! Email			
2930	Dec. 30, 2009 Email from R. Maegerle to W. Liew re 100K T/Y Oxidation Reactor	Yahoo! Email			
2931	Document titled "Heat Balance of the Toulene Atomizer/Burner"	Liew Residence or USAPTI Office			
2932	Oct. 29, 2008 Email from Brijesh Bhatnagar to Bo Buhl re Toulene Burner Nozzle	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page212 of 244

2933	Drawing from Spraying System Co.	Liew Residence or USAPTI Office			
2934	Jan. 7, 2008 Email from W. Liew to Maegerle re Lining and castables for Jinzhou reactor, with attached drawing by Jinzhou of 15K production reactor	Yahoo! Email	361554_Yahoo (Yahoo Mail) Search_entry #39069489_Email Attachment 1 through 361554_Yahoo (Yahoo Mail) Search_entry #39069489_Email Attachment 4		
2935	Jul. 18, 2008 Email from Brijesh Bhatnagar to Maegerle re Oxidaton P&ID, with attachment	Yahoo! Email	361661_Yahoo (Yahoo Mail) Search_entry #132844944_Attachment to Email		
2936	Sep. 9, 2008 Email from R. Maegerle to W. Liew re Pangang Equipment, with attachment	Yahoo! Email			
2937	Feb. 26, 2008 Maegerle drawings re 30,000 T/Y TiO2 combustion chamber	Liew Residence or USAPTI Office			
2938	Jan. 12, 2009 Email from R. Maegerle to Brijesh Bhatnagar re Heater to Pipe Connection with attached drawing	Yahoo! Email			
2939	Oct. 29, 2008 Email from Brijesh Bhatnagar to Maegerle; W. Liew re 100K Oxidation Reactor, with attached drawing	Yahoo! Email			
2940	Performance Group 30 K Equipment Specification Oxidation Reactor (RX-723) Drawings	Liew Residence or USAPTI Office			
2941	Performance Group 100K MT/Year Oxidation Reactor General Assembly	Liew Residence or USAPTI Office			
2942	USAPTI Process Flow Diagram for Oxygen Heating and Oxidation Reaction	Liew Residence or USAPTI Office			
2943	Maegerle hand drawing and digital drawing re combust. Chamber body fig.				
2944	Mayer Ingenieurtechnik drawing and information re cooling /purging-circular design for high temperature ball valve	Liew Residence or USAPTI Office			
2945	Sep. 19, 2007 Email from W. Liew to Maegerle re Zhenjiang micronizer, with attachment	Yahoo! Email	361547_Yahoo (Yahoo Mail) Search_entry #38640952_Email Attachment	t	
2946	Sep. 21, 2007 Email from W. Liew to Maegerle re Additional Info on micronizer at Zhenjiang, with attachment	Yahoo! Email	361548_Yahoo (Yahoo Mail) Search_entry #38689240_Email Attachment	t	
2947	Sep. 18, 2008 Email from W. Liew to Maegerle re Zhejiang Status	Yahoo! Email			
2948	Performance Group 30 K Process Flow Diagram - Oxygen Heating and Oxidation Reaction	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page213 of 244

2949	Oct. 8, 2009 Email from R. Maegerle to W. Liew re Conceptual Cl2 P&I, with attached drawing	Yahoo! Email			
2950	Sep. 4, 2009 Email from R. Maegerle to W. Liew re Oxidation Equipment Arrangements, with attachments	Yahoo! Email			
2951	Jun 10, 2011 Email from R. Maegerle to W. Liew re Latest 100K plant layout	Yahoo! Email			
2952	Feb. 26, 2008 Email from W. Liew to Maegerle re Site and Raw Materials Receiving Canges				
2953	Site Map showing Existing Static Bed Chlorinators				
2954	Table (PFD TABLE 100K Oxidation and Finishing PFD by LT 20090730.xlsx.xlsx - PFD- 111 TO PFD-112)	Liew Residence or USAPTI Office			
2955	USAPTI 100, 000 MTPY TiO2 by Chloride Route Process Flow Diagram Chlorination System	Liew Residence or USAPTI Office			
2956	USAPTI 100, 000 MTPY TiO2 by Chloride Route Process - Process Flow Diagram for Coke & Ore Injection System	Liew Residence or USAPTI Office			
2957	Jul 12, 2008 Email from Wendell Baker to Brijesh Bhatnagar with attachment	Yahoo! Email	[369076_Yahoo (Yahoo Mail) Search_entry #165343765_Attachment2 to Email]		
2958	Aug. 1, 2008 Email from W. Liew to Maegerle re Pangang 100K TiO2 Process Diagrams, with attachment	Yahoo! Email	(361682_Yahoo (Yahoo Mail) Search_entry #141467286_Email Attachment)		
2959	Dec. 13, 2007 Performance Group Pressure Vessel Design Calculations for NR CYCLONE	Yahoo! Email	[369284_Yahoo (Yahoo Mail) Search_entry #284144067_Email Attachment 2]		
2960	Dec. 6, 2007 Performance Group Pressure Vessel Design Calculations for Quench Tank	Yahoo! Email	[369285_Yahoo (Yahoo Mail) Search_entry #2886345542_Email Attachment 2]		
2961	Performance Group Quench Tank Detail Drawings	Yahoo! Email	[369285_Yahoo (Yahoo Mail) Search_entry #286345542_Email Attachment 1]		
2962	Document titled "30000 tons/year TiO2 Project Schedule as of Jan 2008	Liew Residence or USAPTI Office			
2963	for Fluid-Bed Chlroination and Purification of a 30000 MTPY TiO2 Chloride Route Project of	Liew Residence or USAPTI Office			
	Pangang Group Jinzhou Titanium Industry Co. Ltd.				

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page214 of 244

2964	June 2, 2008 Email from R. Maegerle to Brijesh Bhatnagar re Spray Condenser Gas Stripper, with attached Maegerle sketch re same.	Yahoo! Email			
	with attached wategerie sketch ie same.				
2965	LICADTI 100 000 MTDV T:02 Dating	Liew Residence or			
2903	USAPTI 100,000 MTPY TiO2 Project	USAPTI Office			
	Equipment Specification for Spray Condenser CC-3100	USAPTIOIIICE			
20.66		37.1 LE '1			
2966	Dec. 3, 2007 Email from Brijesh Bhatnagar to	Yahoo! Email			
	Maegerle re Spray Condenser				
20.45	1 1 1 2000 F 11 0 F 11 1 1 1 1 1 1 1 1 1 1 1 1	** 1			
2967	Aug. 16, 2009 Email from R. Maegerle to W.	Yahoo! Email			
	Liew re Preliminary SR Condenser Design, with				
	attached notes re same				
2968	Aug. 17, 2009 Email from R. Maegerle to W.	Yahoo! Email			
	Liew re N.R. Cyclone, with attached drawing re				
	same.				
2969	Kennedy table of Heat Transfer Conversion	Liew Residence or			
	Factors	USAPTI Office			
2970	Jan. 17, 2008 Email from R. Maegerle to W.	Liew Residence or			
	Liew re Fatty Acid Specification, with attached	USAPTI Office			
	wikipedia entry for oleic acid				
2971	FLSmidth Drawing with handwritten notes	Liew Residence or			
		USAPTI Office			
2972	Dec. 5, 2008 Luzan & Company Quotation for	Liew Residence or			
	Performance Group re Dilute Phase Pneumatic	USAPTI Office			
	Conveying System Components, attn: Stephen				
	Amerine				
2973	Spirax/Sarco Module 13.2 The Heat Load, Heat				
	Exchanger and Steam Load Relationship	USAPTI Office			
2974	Miscellaneous C1 Docs: C1-000019, C1-	Liew Residence or	C1-000019; C1-000050 - C1-		
	000050 - C1-000083, C1-001479, C1-001483	USAPTI Office	000083; C1-001479; C1-		
			001483		
2975	Dec. 20, 2007 Performance Group Compress	Liew Residence or			
	Pressure Vessel Design Calculations	USAPTI Office			
2976	Spreadsheet re CC-8100/8120	Liew Residence or			
		USAPTI Office			
2977	Drum Calculations	Liew Residence or			
		USAPTI Office			
2978	Scrubber Design (Packed Column) Table	Liew Residence or			
		USAPTI Office			
2979	Spreadsheet re 100K Catch Tank	Liew Residence or			
		USAPTI Office			
2980	Spreadsheet and Calculations re 100, 000	Liew Residence or			
	MTPY TiO2 by Chloride Process for Fume	USAPTI Office			
	Disposal System, caustic head tank				
2981	Spreadsheets re Tanks, Bins and Silos	Liew Residence or			
	4_27_2020.xlsx	USAPTI Office	1	1	

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page215 of 244

2982	Aug. 21, 2009 Email from R. Maegerle to W. Liew re Tank Details, with attached drawing	Yahoo! Email				
2002	D. C. 20,000 MTDV D.	I. D				
2983	Performance Group 30,000 MTPY Project Equipment Specification V-521 Solid Removal Condensate Tank	Liew Residence or USAPTI Office				
2984	Maegerle Notes titled "Fatty Acid"					
2985	Jul. 31, 2008 Email from Wendell Baker to Maegerle re Specific Gravity at Quench Tank	Yahoo! Email				
2986	Sep. 3, 2008 Email from W. Liew to Maegerle re Pangang 100K TiO2 Issues	Yahoo! Email				
2987	Oct. 7, 2008 Email from W. Liew to Maegerle re Visio-Treatment 2-A, with attachment	Yahoo! Email		[462787_Yahoo (Yahoo Mail) Search_Visio-Treatment 2A]		
2988	Document titled "Pneumatic Conveying System Design for Performance Group"	Liew Residence or USAPTI Office				
2989	Mar. 1998 Document "Building Blocks Summary and Functional Description for The Production of TiO2 White Pigment by Chloride Route"	Liew Residence	H6-MISC-000004 - H6- MISC-000019			
2990	April 2003 Document titled "Inquiry on Pure TiCl4 Production Project Adaptive to the Project of Chloride TiO2 Pigment of a 30,000t/a"	USAPTI Office	O15-TECH_PROP-000019 - O15-TECH_PROP-000036			
2991	September 2005 Performance Group Report on Production and Product Quality Improvement Project for Jiangsu TiO2 Group Company Ltd., Jiangsu, China	Liew Residence	H29-ITEM_24-000289 - H29-ITEM_24-000363			
2992	December 2003 TZMI's Inside China, Issue 2					
2993	Feb. 2007 Performance Group Invoices to Pangang	Liew Residence	H29-ITEM_17-000001 - H29-ITEM_17-000007			
2994	June 2006 Performance Group 30K Control	Liew Residence	H2-CONTROL_SYSTEM-			
2994	System Architecture, Rev. A.001	Liew Residence	000002 - H2- CONTROL_SYSTEM- 000027			
2995	June 2006 Performance Group 30K Project Operational Description	Liew Residence	H2-OPERATIONAL_DESC- 000001 - H2- OPERATIONAL_DESC- 000052			
2996	June 2006 Performance Group Waste And Treatment Recommendation	Liew Residence	H2-RAW_MATERIALS- 000007 - H2- RAW_MATERIALS-000012			
2997	June 2006 Performance Group Doc "Saftey"	Liew Residence	H2-RAW_MATERIALS- 000013 - H2- RAW_MATERIALS-000018			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page216 of 244

2998	Document titled "Basic Design Package deliverable"	Liew Residence	H30-ITEM_55-000143 - H30-ITEM_55-000196		
2999	Feb. 2006 Technical Documents submitted for Conceptual Design Review	Maegerle Residence	1B007- Technical_DOCS_FLUID_B ED-000001 - 1B007- Technical_DOCS_FLUID_B ED-000057		
3000	Equipment List-Oxidation	Liew Residence	H9-SCHEDULE-000004 - H9-SCHEDULE-000011		
3001	Documents including emails and schematics re Rotary Drum Filter	Liew Residence	H9-ROTARY_DRUM- 000001 - H9- ROTARY_DRUM-000037		
3002	Dec. 2008 30K Data Sheets	Yahoo! Email	C2-000006.00006904 - C2- 000006.00006958		
3003	May 15, 2006 Rosemount RFQ from N. Anderson to P. Zisko re Jinzhou Project	Yahoo! Email	C2-000091.00004614 - C2- 000091.00004626		
3004	Performance Group Electrical Single Line Diagram MMC #1	Liew Residence	H30 -ITEM_55-000138 - H30 -ITEM_55-000142		
3005	Sep. 3, 2008 Performance Group Equipment Specification Pure Ticl4 Tank (V-701)	Liew Residence	H30-ITEM_55-000101 - H30-ITEM_55-000137		
3006	Performance Group Valve Specifications	Liew Residence	H2-VALVE_SPEC-000001 - H2-VALVE_SPEC-000271		
3007	30,000 MTPY TiO2 Project Equipment Specification	Maegerle Residence	1B015- JINZHOU_TITANIUM- 000060 - 1B015- JINZHOU_TITANIUM- 000074		
3008	30,000 MTPY TiO2 Project Equipment Specifications, Fluid-bed	Maegerle Residence	1B015- EQ_SPECIFICATION_TV_ 512-000002		
3009	Pan Zhi Hua Drawings and Specifications	Maegerle Residence	1B015-F2202_02_HEATER- 000001 - 1B015- F2202_02_HEATER- 000042		
3010	Performance Group Project Drawings for Jiangsu Zhentai Chemical Co	Maegerle Residence	1B015- 42_MICRONIZER_ASSEM BLY-000030 - 1B015- 42_MICRONIZER_ASSEM BLY-000054		
3011	June 2006 Performance Group Equipment Specifications Vol. II, Rev. A.001 for 30,000MTPY Project	USAPTI Office	O15-EQUIP_SPEC_VOL_2- 000001 - O15- EQUIP_SPEC_VOL_2- 000240		

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page217 of 244

3012	June 2006 Performance Group Dryer Feed Tank Equipment Specifications	USAPTI Office	O15-EQUIP_SPEC_VOL_1- 000111 - O15- EQUIP_SPEC_VOL_1- 000272		
3013	30,000 MTPY TiO2 Fluid-Bed Chlorination and Purification Chloride Route Project of Pangang Jinzhou Titanium Industry Co. Ltd. Documents	Maegerle Residence	1B015- JINZHOU_TITANIUM- 000002 - 1B015- JINZHOU_TITANIUM- 000109		
3014	Performance Group Piping & Instrumentation Diagrams for 30,000 Ton Per Year Titanium Dioxide Project	Liew Residence	H9-DRAWINGS-000064 - H9-DRAWINGS-000088		
3015	Performance Group Piping & Instrumentation Diagrams for 30,000 Ton Per Year Titanium Dioxide Project	Liew Residence	H9-DRAWINGS-000089 - H9-DRAWINGS-000112		
3016	Performance Group Piping & Instrumentation Diagrams for 30,000 Ton Per Year Titanium Dioxide Project	Liew Residence	H9-DRAWINGS-000113 - H9-DRAWINGS-000127		
3017	Performance Group General PFD & P&ID Symbols for 30,000 Ton Per Year Titanium Dioxide Project	Liew Residence	H9-DRAWINGS-000128 - H9-DRAWINGS-000131		
3018	Compilation of Performance Group drawings for 30000 MTPY TiO2 by Chloride Route Project	USAPTI Office	O15-08-2008_FLUID-BED- 000001 - O15-08- 2008_FLUID-BED-000002; O15-30K_P_ID_PFD- 000002 - O15- 30K_P_ID_PFD-000050; O15-30K_TIO2-000001 - O15-30K_TIO2-000050; O15-CHENGHE_97-98- 000001 - O15- CHENGHE_97-98-000003		
3019	Compilation of handwritten notes re Data Sheet	USAPTI Office	O19-LOOSE_PAPER_03- 000063 - O19- LOOSE_PAPER_03-000070		
3020	Performance Group 30,000 MTPY Project Process Flow Diagrams	Maegerle Residence	1B015- CONDENSATION_TRAIN S-000002 - 1B015- CONDENSATION_TRAIN S-000006		
3021	Performance Group 30,000 MTPY Project Process Flow Diagrams	Liew Residence	H30-ITEM_55-000082 - H30-ITEM_55-000091		
3022	Performance Group 30,000 MTPY Project Diagrams	Liew Residence	H30-ITEM_55-000079 - H30-ITEM_55-000080		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page218 of 244

3023	Performance Group 30,000 MTPY Project Drawings process flow diagrams, labeled H23- MISC_3-0000092 - H23-MISC_3-0000097	Liew Residence	H23-MISC_3-0000092 - H23-MISC_3-0000097		
3024	Performance Group 30,000 MTPY Project Drawings process flow diagrams	Liew Residence	H30-ITEM_55-000092 - H30-ITEM_55-000100		
3025	USAPTI Process Flow Diagrams re 100,000 MTPY TiO2 by Chloride Route	Liew Residence or USAPTI Office			
3026	Performance Group 100K MT/YEAR AlCl3 Generator Assembly	Liew Residence or USAPTI Office			
3027	Oct. 13, 2008 Email from Brijesh Bhatnagar to W. Liew re 100K MT/YR AlCl3 Generator, with attachment 361834_Yahoo (Yahoo Mail) Search_entry # 236028280)	Yahoo! Email			
3028	Performance Group Equipment Specifications for 30,000 MTPY TiO2 by Chloride Route	Liew Residence or USAPTI Office			
3029	July 13, 2009 Email from Maegerle to W. Liew re Reaction Front End Layout, with attached hand-drawn layouts	Yahoo! Email			
3030	BizFile Ending of Company Transactions for Huan Qu Process Equipment PTE LTD.				
3031	Document: "Operating Procedure - Aluminum Chloride Generation"				
3032	Dec. 7, 2009 Email from R. Maegerle to Len Tilton re procedure for making Sodium Aluminate	Yahoo! Email			
3033	Oct 8, 2012 Audio Recording of Rick Choy Interview, PTI002409	FBI; DOJ			
3034	Jan. 4, 2006 Check No. 1039 from Performance Group to Eddy Lee	Liew Residence	H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000008 - H26- CALIFORNIA_PACIFIC_B ANK_2006_2-000009		
3035	May 13, 2005 Check No. 11122 from Eddy Lee to Performance Group for \$50K	USAPTI Office; SVE034309; Eddy Deposit No.2.BMP			
3036	Mar. 5, 2005 Check No. 11062 from Eddy Lee to Performance Group	USAPTI Office; SVE034309; Eddy Lee Check.JPG			
3037	Nov. 11, 2005 Email from W. Liew to Eddy Lee re Update for you, labeled C2-000091.00000962	Yahoo! Email			
3038	Note to Eddy Lee from W. Liew re Our new company	USAPTI Office; SVE034309; Hi Eddy Feb 22 2005.doc			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page219 of 244

3039	Various appeadshoots of appears to Decision	USAPTI Office;				
3039	Various spreadsheets of expenses re Project budget worksheet re Project Budget worksheet	SVE034309; Cash				
	budget worksheet te i fojeet budget worksheet	Flow Forecast				
		2005.xls				
3040	Dongbei Process Engineering Ptd. Ltd. Certified Extract of Resolution	Helen Lin; FBI	C2-003796 - C2-003797			
3041	Dongbei Process Memorandum & Articles of Association	Casey Lin; FBI	C2-003853 - C2-003874			
3042	Directors Resolution in Writing	Lorraine Lee; FBI	C2-003806 - C2-003807			
3043	The Oaths & Declarations ACT 2000 Statutory	Lorraine Lee; FBI	C2-003816 - C2-003824			
	Declaration					
3044	Huan Qu Process Equipment Ptd. Ltd. Memorandum and Articles of Association	Casey Lin; FBI	C2-003877 - C2-003898			
3045	BizNet-Global Company Profile of ESI	Pacer; Rometo		Case3:11-cr-00573-JSW Doc.		
	Equipment & Engineering PTD LTD.	Declaration;		214-3, filed 12/13/12, pages		
		Singapore		12-13.		
		Accounting and				
		Corporate Regulatory				
		Authority				
3046	BizNet-Global Company Profile of Dongbei	Pacer; Rometo				
3040	Process Engineering PTD LTD., Case3:11-cr-	Declaration;				
	00573-JSW Doc. 214-3, filed 12/13/12, pages	Singapore				
	18-19.	Accounting and				
		Corporate Regulatory				
		Authority				
3047	BizNet Company Profile of Huan Qu Process	Pacer; Rometo				
	Equipment PTE, Ltd, .Case3:11-cr-00573-JSW	Declaration;				
	Doc. 214-3, filed 12/13/12, pages 15-16	Singapore				
		Accounting and				
		Corporate Regulatory Authority				
		Audionty				
3048	BizFile Filing of Annual Return for Huan Qu	Singapore				
	Process Equipment PTD LTD.	Accounting and				
		Corporate Regulatory				
		Authority				
3049	Huan Qu Process Equipment Ptd. Ltd. Annual	Singapore				
	Report for the Period of 01 July 2009 to 30	Accounting and				
	September 2010	Corporate Regulatory				
		Authority				
2050	S 1 2000 C A 100V S'-	Massaula D. 11	1D026 CCODES 000016			
3050	Sep. 1 2009 General Arrangement 100K Site Plan, labeled	Maegerle Residence	1B026-SCOPES-000016			
3051	USAPTI Document re 100,000 MTPY TiO2	Maegerle Residence	1B033_HX_DATA-000044 -			
	Project No. 1 Contact Condenser Cooler #1		1B033_HX_DATA-000055			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page220 of 244

3052	USAPTI Document re 100,000 MTPY TiO2 Project No. 1 Solid Removal Cooler #2	Maegerle Residence	1B033_HX_DATA-000035 - 1B033_HX_DATA-000042		
3053	USAPTI File re Control System Configuration Drawing	USAPTI Office	O10- VOL_3_E_I_CONTROL- 000081 - O10- VOL_3_E_I_CONTROL- 000088		
3054	USAPTI File re Tagging System Description	USAPTI Office	O10- VOL_3_E_I_CONTROL- 000104 - O10- VOL_3_E_I_CONTROL- 000118		
3055	USAPTI File re Waste Treatment Proposal	USAPTI Office	O10- VOL_3_E_I_CONTROL- 000119 - O10- VOL_3_E_I_CONTROL- 000128		
3056	USAPTI File re Waste Treatment Conversion	USAPTI Office	O10- VOL_3_E_I_CONTROL- 000129 - O10- VOL_3_E_I_CONTROL- 000132		
3057	USAPTI File re E-Stop Process Description	USAPTI Office	O10- VOL_3_E_I_CONTROL- 000133 - O10- VOL_3_E_I_CONTROL- 000138		
3058	Feb. 2011 USAPTI 100,000 MTPY TiO2 Project Detail Design Submittal Vol. 1 Process	USAPTI Office	O12-WHITE_BINDER_1- 000001 - O12- WHITE_BINDER_1-000236		
3059	April 2011 USAPTI 100,000 MTPY TiO2 Project Detail Design Submittal Package	USAPTI Office	O48-MISC_2-000075 - O48- MISC_2-000134		
3060	April 2011 USAPTI 100K Detail Design Submittal Volume III Book 1 Equipment	USAPTI Office	O12-VOLUME_3_BOOK_1- 000001 - O12- VOLUME_3_BOOK_1- 000195		
3061	USAPTI 100,000 MTPY TiO2 Project General Arrangement	Maegerle Residence	1B024- GENERAL_ARRANGEME NT-000001 - 1B024- GENERAL_ARRANGEME NT-000096		
3062	USAPTI 100,000 MTPY TiO2 Project Process Flow Diagram	USAPTI Office	O24- CHLORINATION_MASTE R-000011 - O24- CHLORINATION_MASTE R-000050		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page221 of 244

3063	Jan. 31, 2006 Email from W. Liew to Peter Zisko; Ernie Nelson re Equipment Purchase Terms	Yahoo! Email	C2-000091.00001373		
3064	USAPTI 100,000 MTPY TiO2 Project Equipment Specification E-3390 Refrigerated Condenser Cooler	Maegerle Residence	1B024-CYCLONE_BAG- 000005 - 1B024- CYCLONE_BAG-000006		
3065	May 22, 2008 Email from Brijesh Bhatnagar to Bob Maegerle; W. Liew re ASME B31.3 specs	Yahoo! Email	C2-000006.00000753 - C2- 000006.00001099		
3066	Performance Group 30,000 Ton Per Year Titanium Dixiode Project Process Utility Diagrams	Maegerle Residence	1B015- HEADER_DIAGS_SCHEM ATIC-000001 - 1B015- HEADER_DIAGS_SCHEM ATIC-000005		
3067	Performance Group 30,000 Ton Per Year Titanium Dixiode Project Drawings	Maegerle Residence	1B015-CHLORINATOR- 000002 - 1B015- CHLORINATOR-000010		
3068	Performance Group 30,000 Ton Per Year Titanium Dixiode Project Piping and Instrumentation Diagrams	USAPTI Office	O34- CHLORINATION_MASTE R-000052 - O34- CHLORINATION_MASTE R-000074		
3069	July 2005 Request for Quotation for Fluid-Bed Chlorination and Purification by Pangang Group Jinzhou Titanium Industry Co. Ltd.a	Liew Residence	H4-MISC_3-000015 - H4- MISC_3-000029		
3070	30K Chlorinator Data Sheets	USAPTI Office	018- 30K_CHLORINATOR_1-3- 000001 - 018- 30K_CHLORINATOR_1-3- 000028		
3071	Email from Jatin Patel to Ralf Oelschlager; Roz Young re Chlorination Instrument Specs	Yahoo! Email	C2-000006.00006284 - C2- 000006.00006548		
3072	Email from W. Liew to Maegerle re Chlorinator with attachments, detailed engineering of chlorinating Detailed Design	Yahoo! Email	C2-000091.00005034 - C2- 000091.00005046		
3073	3OK Ton Production Facility Project Schedule	Liew Residence or USAPTI Office			
3074	Email from W. Liew to Wendell Baker re Chlorination Instrument Data Sheets with attachments chlorination instrument chlorination installment list.	Yahoo! Email	C2-00006.00002585 - C2- 000006.00002964		
3075	Email from Brijesh Bhatnagar to Wendell Baker; W. Liew re Revised Chlorination with attachment chlorination and P&IC	Yahoo! Email	C2-000006.00001309 - C2- 000006.00001323		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page222 of 244

3076	Email from W. Liew to Maegerle re Chlorination P&ID Attaching: Chlorination P&ID 20080620.pdf	Yahoo! Email	C2-00006.00001471 - C2- 000006.00001476		
3077	Performance Group Process Flow Diagrams regarding 30,000 Ton Per Year TiO2 Project	USAPTI Office	O34- CHLORINATION_MASTE R-000075 - O34- CHLORINATION_MASTE R-000078		
3078	Email from W. Liew to Wendell Baker re PER 102 - Commented version of Finishing Description; Attaching: P&ID Oxidation and Finishing 20081003.pdf, PFD 101 TO 110 Oxidation and Finishing.pdf	Yahoo! Email	C2-000006.00003542 - C2- 000006.00003575		
3079	Email from W. Liew to Wendell Baker re Instrument List for Oxidation and Finishing; Attaching: OXIDATION- INSTRUMENTATION LIST-0925-08.xls	Yahoo! Email	C2-000006.00003214 - C2- 000006.00003252		
3080	Email from Brijesh Bhatnagar to Wendell Baker; Bill Hensiek re Oxidation Equipments; Attaching: 09-17-08 OXI. EQUIP.PDF	Yahoo! Email	C2-000006.00002995 - C2- 000006.00003017		
3081	Email from W. Liew to Wendell Baker re P&ID Oxidation and Finishing	Yahoo! Email	C2-000006.0002994		
3082	Email from W. Liew to Maegerle re Oxidation Bag Filters and Cyclone; Attaching: Letter_July_31st_08[1].dat; ALPHA_Flyer_en[1].dat	Yahoo! Email	C2-00006.00002987 - C2- 000006.00002991		
3083	Email from Brijesh Bhatnagar to Maegerle; W. Liew re Oxidation Reactor; Attaching: Oxidation reactor.pdf; es-101-001.pdf; es-101-001-01.pdf; es-101-001-02.pdf; es-101-001-03.pdf; es-101-001-04.pdf; es-101-001-05.pdf	Yahoo! Email	C2-000006.00001118 - C2- 000006.00001308		
3084	Email from Brijesh Bhatnagar to Maegerle re Oxidation Reactor Nozzle; Attaching: Oxidation Reactor Pyro Nozzle.pdf	Yahoo! Email	C2-00006.00007147 - C2- 000006.00007148		
3085	Email from W. Liew to Maegerle re Attachment 3 of 3; Attaching: Oxidation bag filters _BG-733A&Bpdf Blend Tank T-747A-D and Agitator A-747A-D.pdf; Toluene Atomizer (TB-722). pdf; T -740 Sodium Aluminate Prep Tank . pdf; T -741 Sodium Aluminate Storage Tank .pdf; T"744 Sodium Silicate Storage Tank .pdf; Micronizer ES-109-07-00.pdf	Yahoo! Email	C2-000006.00006851 - C2- 000006.00006900		

Case3:11-cr-00573-JSW Dogwier 1661 Filed01/06/14 Page223 of 244

3086	Email from Jatin Patel to Roz Young re Chlorination Instruments; Attaching: Oxidation Instruments.zip; OXIDATION PROCESS- INSTRUMENTATION LIST.xls	Yahoo! Email	C2-00006.00007175 - C2- 000006.00007535		
	INSTRUMENTATION LISTAIS				
3087	Contract between Performance Group Co., Ltd.	Liew Residence	H30-ITEM_58-000019-H30 -		
	and Jinzhou		ITEM_58-000030		
3088	Email from W. Liew to E. Lee re Hello; Attaching: Request for Contract Negotiation form Jinzhou 11-5-2005.doc	Yahoo! Email	C2-000091.00000918 - 919		
3089	Technical Proposal for Pangang Group Jinzhou Titanium Industry Co. on Fluid-Bed Chlorination and Purification of a 30,000 MTPY TiO2 by Chloride Route	Maegerle Residence	1B026-TECH_PKG-000029 - 1B026-TECH_PKG-000095		
3090	Fax from R. Maegerle to Walter Liew re Schematic Drawing of the Proposed AICI3 Generator	Liew Residence	H6-MISC-000060 - H6- MISC-000072		
3091	Email from Walter Liew to Maegerle re TiO2 Quality	Yahoo! Email	C2-000006.00000313		
3092	Email from Walter Liew to Maegerle re Chlorinator Bricks	Yahoo! Email	C2-000006.00000315		
3093	Email from Walter Liew to Maegerle re Latest Version for Final Review; Attaching:: Draw off System for Final review 0709.pdf; Purification Column for final review 0709.pdf; Chlorinator Changes Rev B.pdf	Yahoo! Email	C2-000006.00000316		
3094	Email from Walter Liew to Maegerle re A1C13 Heat Balance; Attaching: Heat Balance of TiC14 and A1C13.doc; HeatBalanceA1C13.xls	Yahoo! Email	C2-00006.0000749 - C2- 000006.00000751		
3095	Email from Able-Baker to Walter Liew re Response on P&ID 3 to 5 Review; Attaching: is- 001-general-RevA.pdf	Yahoo! Email	C2-000006.00001104 - C2- 000006.00001112		
3096	Email from Bhatnagar to Maegerle re FWD: rev 1 quote.zip; Attaching: 5.9 Quote.pdf; Dim Dwg 150# ore.coke valve.pdf; Dim Dwg 300# 1000degc.pdf; svcbro01.pdf; Terms & conditions.pdf	Yahoo! Email	C2-000006.00001350 - C2- 000006.00001371		
3097	Email from Kahl to Maegerle re Jinzhou Ferroalloy / Petro-Chem proposal MI-08- 0864/p408; Attaching: petro-chem Budgetary Proposal MI-08-0864 for TiO2 Heaters-Jinzhou Ferralloy_pdf	Yahoo! Email	C2-000006.00001393 - C2- 000006.00001394		
3098	Email from Gamburg to Walter Liew re Toluene burner assembly quote; Attaching: JZ SA Atomizer.pdf	Yahoo! Email	C2-000006.00001396 - C2- 000006.00001399		
3099	Email from Able-Baker to Walter Liew re PER101-TiCl4 PFD Comments; Attaching: PFD Review Rev A 23 jun 08.pdf	Yahoo! Email	C2.000006.00001487 - C2.000006.00001490		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page224 of 244

3100	Email from Amerine to Walter Liew re: FW RFQ for Rotary Drum Vacuum Filter; Attaching: Technical Appendix-Jinzhou-2005-03-22.pdf	Yahoo! Email	C2-00006.00003018 - C2- 000006.00003056		
3101	Email from Amerine to Walter Liew re FW: Steam Vapor Condenser Specifications; Attaching: Parometric-Condenser-20BC.doc	Yahoo! Email	C2-00006.00003210 - C2- 000006.00003212		
3102	Email from R. Maegerle to Walter Liew re Cyclone Questions	Yahoo! Email	C2-000006.00003351		
3103	Email from Walter Liew to Jatin Patel re Pneumatic Conveying Systems	Yahoo! Email	C2-000006.00003357 - C2- 000006.00003360		
3104	Email from Bhatnagar to Walter Liew re Drawings; Attaching: ES-109-16 (CY-778A) Wet CycloneA.pdf; ES-108-02 (SC-763A) Dryer FEED SCREW CONVEYOR.pdf	Yahoo! Email	C2-000006.00003435 - C2- 000006.00003437		
3105	Email from Able-Baker to Walter Liew, et al. re PER101 - Jinzhou Electrical	Yahoo! Email	C2-000006.00003687		
3106	Email from Bhatnagar to Maegerle re FWD Project Quote#80106936 for temperature Instrumentation for Jinzhou TiO2- TiCl4 Production Project; Attaching: RE_PROJECT Quote#80106936 for Temperature Instrumentation for Jinzhou(3.31mb.msg)	Yahoo! Email	C2-000006.00001849 - C2- 000006.00001896		
3107	Email from Jatin Patel to Walter Liew re FW Meeting Memorandum; Attaching: PSV.xls; PSV-10379.pdf; PSV-10118_119.pdf; PSV- 10159 with PSE-10158.pdf; PSV-10479; PSV- 10709.pdf; PSV-10319.pdf; PSV-10239.pdf	Yahoo! Email	C2-00006.00006584 - C2- 000006.00006646		
3108	May 2006 Inquiry For Panzhihua Iron & Steel (Group) Co. On Chlorination and Purification Unit of a 60,000 MTPY TiO2 by Chloride Route	Maegerle Residence	1B026- 600000_MT_Y_Panzhihua- 000018 - 1B026- 600000_MT_Y_Panzhihua- 000036		
3109	Construction on Consultation of Procurement of the Equipment and Materials for Pangang 100Kt/a TiO2 Project Contract No. 10USSCY32PGTY24	Liew Residence or USAPTI Office			
3110	Draft contract between PIETC and for TiCl4 Preheater				
3111	Email from Rosenberg to Reis re two phase program	Paul Reis	C2-003760 - C2-003762		
3112	Agreement Between the Cierra Technology, Inc. and Paul G Reis	Paul Reis	C2-003764 - C2-003770		
3113	Email from Ulrich Klabunde to Paul Ries re Hi Guys	Paul Reis	C2-003774		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page225 of 244

3115	Vesuvius Drawing Chlorinator Refractory	Gary Stewart; Quantum			
3116	FBI MD5 Hash data	Gary Stewart; Quantum			
3117	Email from Sherry to Gary Stewart re Agency Agreement - Quantum Attaching: Authorization(Quantum) 20110719-1.doc	Gary Stewart; Quantum			
3118	Email from Price to Stewart re Chlorinator Refractories from Saint-Gobain; Attaching: LDCG1110-01.pdf; CG Brochure.pdf	Gary Stewart; Quantum			
3119	Oversized Drawings from Orinda Home	Liew Residence			
3120	Oversized Drawings from USAPTI Office	USAPTI Office			
3121	Oversized Drawings from Tze Chao	Tze Chao			
3122	Letter from Frederick Arbogast to Mike Marinak re: Resumes	Liew Residence	H16-WHITE_BINDER- 000224 - H16- WHITE_BINDER-000235		
3123	Letter From Walter Liew to Frederick Arbogast re We agree with Scope and cost of the Proposal	Liew Residence	H16-WHITE_BINDER- 000024		
3124	Letter from Bob Maegerle to Walter Liew re Background for Scope of Work for Consulting Assistance	Maegerle Residence	1B033-CORRESP_FROM- 000066 - 1B033- CORRESP_FROM-000072		
3125	FAX from Walter Liew to Dan McIntosh re 3rd draft	Liew Residence	H16-WHITE_BINDER- 000099 - H16- WHITE_BINDER-000114		
3126	USAPTI Proposal of a 100,000 Metric Tons Per Year Production of Rutile TiO2 By Chloride Process	Liew Residence or USAPTI Office			
3127	USAPTI Commercial Proposal for Pangang on 100 MTPY TiO2 by Chloride Process Project	Liew Residence or USAPTI Office			
3128	Report on Production and Product Quality Improvement Project for Jiangsu TiO2 Group Company Ltd., Jiangsu, China, labeled C2- 000091.00000070 - C2-000091.00000085	Yahoo! Email	C2-000091.00000070 - C2- 000091.00000085		
3129	Email from W. Liew to Peter Zisko re Info for Ernie; Attaching RFQ of Pangang Jinzhou translated Aug 2005.doc; Petroleum Coke Calcining and Use.pdf	Yahoo! Email	C2-000091.00000090 - C2- 000091.00000136		
3130	Pan Zhi Hua documents and instrument data sheets	Maegerle Residence	1B015-F2202_02_HEATER- 000018 - 1B015- F2202_02_HEATER- 000036		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page226 of 244

3131	Email from Wendell Baker to W. Liew; Stephen Amerine; BJ Bhatnagar; Maegerle re PER 102 - LIT Displacer Info; Attaching: PER 102-LT and LG example.pdf	Yahoo! Email	C2-000006.00003649 - C2- 000006.00003651		
3132	Email from W. Liew to Bo Buhl re CFD Project; Attaching: PFD-004 CHLORJNATORPFD-004 (l).pdf; SPRAY CONDENSER IOOK Ti02.pdf; 30K Ti02 Volute.pdf	Yahoo! Email	C2-000004.00003629 - C2- 000004.00003634		
3133	USA Performance Technology, Inc. Purchase Order to Bo Buhl (Spraying Systems Co.)	USAPTI Office	O32-MISC_2_MAPS- 000112		
3134	USA Performance Technology Inc. 100,000 MTPY TiO2 by Chloride Route Equipment Specifications	Maegerle Residence	1B024-CYCLONE_BAG- 000008 - 1B024- CYCLONE_BAG-000015		
3135	USAPTI Instrumentation BD Submittal, Rev. B for 100,000 MTPY Project	Liew Residence or USAPTI Office			
3136	USAPTI Piping Materials Summary, Rev. A for BI Submittal for 100,000 MTPY Project	Liew Residence or USAPTI Office			
3137	Equipment Specifications for R-3000 Chlorinator for 100,000 MTPY TiO2 by Chloride Route project	Liew Residence or USAPTI Office			
3138	USAPTI 100,000 MTPY TiO2 Project Equipment Specification for R-3000 Chlorinator Nozzles E, F K, L And T Details	Liew Residence or USAPTI Office			
3139	15,000 TiO2 Project	Liew Residence	H7-1997-000001 - H7-1997- 000013		
3140	LH Performance Proposal on 30,000 MT/Y Project	Liew Residence	H7-PROPOSAL-APR_2003- 000001 - H7-PROPOSAL- APR_2003-000025		
3141	Composition Notebook dated 3/11/08 - 6/2008	Liew Residence or USAPTI Office			
3142	Scope Options	Liew Residence or USAPTI Office			
3143	Detail Design Submittal Package 4/11 vol. 1	Liew Residence or USAPTI Office			
3144	Equipment Specification Blend Tank (T-747A)	Liew Residence or USAPTI Office			
3145	Equipment Specification Aluminum Screw Feeder Equip. No. VF-713	Liew Residence or USAPTI Office			
3146	Component Description Conveyor Screws	Liew Residence or USAPTI Office			
3147	30,000 MTPY TiO2 Production by Chloride Process, Rotary Valve Data Sheet	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page227 of 244

24.40	20.000.1 (TDV/ TUO.2 D. 1 . 1 . 1 . (U. 1 . 1	T			
3148	30,000 MTPY TiO2 Production by Chloride Process, Pump Data Sheet	Liew Residence or USAPTI Office			
3149	Proposal to Pan Gang Group Jin Zhou Titanium Industry Co. on Pure TiCl4 Production for 30,000 Metric Tons Per Year of TiO2 by Chloride Route	Liew Residence or USAPTI Office			
3150	30,000 MTPY TiO2 Production by Chloride Process GRAVITY SETTLER Equipment Tag No: T-757 A and B	Liew Residence or USAPTI Office			
3151	Equipment Specifications FLASH Dryer Systems Equip. #FD-763 A and B	Liew Residence or USAPTI Office			
3152	Process Utility Diagram Oxidation & Finishing	Liew Residence or USAPTI Office			
3153	Process Flow Diagram Petroleum Coke Handling System	Liew Residence or USAPTI Office			
3154	Email from Amerine to Maegerle re FW Flash Dryers for TiO2, enquiry form	Yahoo! Email			
3155	Ametek Pricing Summary & Scope of Supply	USAPTI Office	O13-MISC_05-000080 - O13-MISC_05-000092		
3156	Cera System Pamphlet	USAPTI Office	O1-MISC_4-000252 - O1- MISC_4-000279		
3157	Letter from Rittenhouse to Zisko re proposal	Maegerle Residence	1B033-FS_DATA-000022 - 1B033-FS_DATA-000028		
3158	Process Control System, Inc	USAPTI Office	014-MISC_06-000029 - 014- MISC_06-000031		
3159	Valve Bag Filler and Conveyors	Liew Residence	H9-BAGGER_000014 - H9- BAGGER_000015		
3160	TAYLOR: Model A Packer	Liew Residence	H9-BAGGER-000002 - H9- BAGGER-000013		
3161	Slide Draw by Caldera	Maegerle Residence	1B033-SIDE_DRAW- 000014 - 1B033- SIDE_DRAW-000015		
3162	Starvalves Quote from DMN Inc.	Maegerle Residence	1B033- RESTARY_VALVES- 000001 - 1B033- RESTARY_VALVES- 000013		
3163	Petro-Chem Technical Proposal for Pangang Group Company	USAPTI Office	O1-TIC14_O2_HEATERS- 000011 - O1- TIC14_O2_HEATERS- 000032		
3164	PETRONAS CONFIDENTIAL DRAWINGS	USAPTI Office	01-PETRONAS-000059 - 01- PETRONAS-000128		
3165	Quotation from Anderson to Zisko re Rosemount	Yahoo! Email	C2-000091.00004614 - C2- 000091.00004626		
3166	Email from Walter Liew to Peter Zisko re Sturtevant Micronizers	Yahoo! Email	C2-000091.00001235		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page228 of 244

3167	US5585078 Process for reducing carbon monoxide and carbonyl sulfide emissions from a	USAPTI Office	O45- 1_US_PATENTS_RE_DUP		
	fluidized bed titanium dioxide chlorinator		ONT-000105 - O45- 1_US_PATENTS_RE_DUP ONT-000108		
3168	US3977862 Process for selectively chlorinating the titanium content of titaniferous materials	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000109 - O45- 1_US_PATENTS_RE_DUP ONT-000127		
3169	US4214913 Process for producing rutile TiO2	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000128 - O45- 1_US_PATENTS_RE_DUP ONT-000131		
3170	US5076850 Process for treating metal chlorides	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000132 CO45- 1_US_PATENTS_RE_DUP ONT-000135		
3171	US5389353 Fluidized bed process for chlorinating titanium-containing material and coke useful in such process	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000136_O45- 1_US_PATENTS_RE_DUP ONT-000140		
3172	US3481697 Process for making titanium tetrachloride	USAPTI Office	045- 1_US_PATENTS_RE_DUP ONT-000141 CO45- 1_US_PATENTS_RE_DUP ONT-000143		
3173	US3495936 Dilute phase chlorination of Titaniferous ores	USAPTI Office	045- 1_US_PATENTS_RE_DUP ONT-000144_O45- 1_US_PATENTS_RE_DUP ONT-000146		
3174	US3505091 Production of titanium dioxide pigments	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000147_O45- 1_US_PATENTS_RE_DUP ONT-000151		
3175	US3533734 Purifying crude TiCl4 vapor	USAPTI Office	045- 1_US_PATENTS_RE_DUP ONT-000152 CO45- 1_US_PATENTS_RE_DUP ONT-000156		
3176	US5585078 Process for reducing carbon monoxide and carbonyl sulfide emissions from a fluidized bed titanium dioxide chlorinator	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000157 O45- 1_US_PATENTS_RE_DUP ONT-000159		

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page229 of 244

3177	US4961911 Process for reducing carbon monoxide Emissions from a fluidized bed titanium dioxide chlorinator	USAPTI Office	O45- 1_US_PATENTS_RE_DUP ONT-000160E045- 1_US_PATENTS_RE_DUP		
3178	Claudius Peters X-Pump	Liew Residence	ONT-000163 H13-GRAY_BINDER-		
			000001 □H13- GRAY_BINDER-000012		
3179	Claudius Peters Pump Type X Motor Installation Base Frame	Liew Residence	H13-GRAY_BINDER- 000013		
3180	US6989041 Process for producing titanium sponge	Liew Residence	H13-TITANIUM- 000021 □H13-TITANIUM- 000035		
3181	Titanium The Ultimate Choice	Liew Residence	H13-TITANIUM- 000314 EH13-TITANIUM- 000357		
3182	Library of Congress query results	Liew Residence	H16-ORANGE_BINDER- 000002		
3183	US5599519 Oxidation of titanium tetrachloride to form titanium dioxide	Liew Residence	H16-ORANGE_BINDER- 000030		
3184	Intentionally Omitted	Liew Residence			
3185	Intentionally Omitted	Liew Residence			
3186	US5538708 Expansion section as the inlet to the flue in a titanium dioxide process		H16-ORANGE_BINDER- 000047 \(\text{H}16-\) ORANGE_BINDER-000052		
3187	Intentionally Omitted	Liew Residence			
3188	Intentionally Omitted	Liew Residence			
3189	US Patent database patent server printout 5554215: Composite pigmentary material	Liew Residence	H16-ORANGE_BINDER- 000056 □H16- ORANGE_BINDER-000058		
3190	US3725526 Process for producing pigment quality titanium dioxide	Liew Residence	H16-ORANGE_BINDER- 000059 □H16- ORANGE_BINDER-000060		
3191	STN Easy: Search results: Engineering "On the chlorination of titanium dioxide-carbon pellet ileffects of C/TiO2 ration, chlorine fraction and grain sizes of titanium dioxide and carbon"	Liew Residence	H16-ORANGE_BINDER- 000061		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page230 of 244

3192	STN Easy: Search results: Engineering "Chloride route titanium dioxide pigments- process and properties	Liew Residence	H16-ORANGE_BINDER- 000066		
3193	STN Easy: Search results: Engineering "Synthesis, characterization and catalytic properties of Al2O3-TiO2 mixed oxides prepared by sol-gel"	Liew Residence	H16-ORANGE_BINDER- 000067		
3194	US Patent database patent server printout 4629607: "Process of producing synthetic rutile from titaniferous product having a high reduced titanium oxide content"	Liew Residence	H16-ORANGE_BINDER- 000068 H16- ORANGE_BINDER-000072		
3195	US Patent database patent server printout 4891204: Purification of aluminum chloride	Liew Residence	H16-ORANGE_BINDER- 000073 [H16- ORANGE_BINDER-000074		
3196	US Patent database patent server printout 4559215: Production of anhydrous aluminum chloride from hydrated alumina	Liew Residence	H16-ORANGE_BINDER- 000075 [H16- ORANGE_BINDER-000076		
3197	US Patent database patent server printout 5389353: Fluidized bed process for chlorinating titanium-containing material and coke useful in such process	Liew Residence	H16-ORANGE_BINDER- 000077 LH16- ORANGE_BINDER-000078		
3198	US Patent database patent server printout: Patents that reference patent 4279871	Liew Residence	H16-ORANGE_BINDER- 000079		
3199	US Patent database patent server printout 4762696: Method of purification titanium tetrachloride	Liew Residence	H16-ORANGE_BINDER- 000080 H16- ORANGE_BINDER-000081		
3200	US Patent database patent server printout 5585078: Process for reducing carbon monoxide and carbonyl sulfide emissions from a fluidized bed titanium dioxide chlorinator	Liew Residence	H16-ORANGE_BINDER- 000082TH16- ORANGE_BINDER-000083		
3201	US Patent database patent server printout 4624843: Recovery of chlorine	Liew Residence	H16-ORANGE_BINDER- 000084[H16- ORANGE_BINDER-000086		
3202	US Patent database patent server printout 4083923: Process for the production of aluminum chloride and related products	Liew Residence	H16-ORANGE_BINDER- 000087 LH16- ORANGE_BINDER-000088		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page231 of 244

3203	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
3203	4283371: Process for the production of	Liew Residence	000089 H16-		
	aluminum chloride and related products		ORANGE_BINDER-000091		
	arummum emoride and related products		OKANGE_BINDER-000091		
2204	TIO D		THE OR LIVER PRINTER		
3204	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
	4695436: Process for manufacturing high purity		000092 □H16-		
	metal chlorides		ORANGE_BINDER-000093		
3205	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
	5389355: Method of preparing a synthetic rutile		000094□H16-		
	from a titaniferous slag containing alkaline earth		ORANGE_BINDER-000096		
	metals				
3206	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
	4117076: Titanium slag-coke granules suitable		000097□H16-		
	for fluid bed chlorination		ORANGE_BINDER-000098		
			_		
3207	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
	4933153: Method of preparing a synthetic rutile		000099 H16-		
	from a titaniferous slag containing magnesium		ORANGE_BINDER-000101		
	values		OTHER OBJECT COOTES		
3208	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
3200	3753681: Benefication of vanadium-containing	Liew Residence	000102 H16-		
	materials		ORANGE_BINDER-000103		
	materials		OKTATOL_BITTDEK-000103		
3209	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
3209	4737194: Titanium dioxide pigment coated with	Liew Residence	000104 H16-		
	cerium cations, selected acid anions, and		ORANGE_BINDER-000105		
	alumina		OKANGE_BINDER-000103		
	arumma				
2210	HCD (1 1 1	T. D.1	HI CODANCE DINIDED		
3210	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
	4416699: Alumina coated TiO2		000106 H16-		
			ORANGE_BINDER-000107		
25::	710 7				
3211	US Patent database patent server printout	Liew Residence	H16-ORANGE_BINDER-		
	5554216: High gloss durable TiO2 pigment		000108 IH16-		
			ORANGE_BINDER-000109		
3212	US Patent database Search results query:	Liew Residence	H16-ORANGE_BINDER-		
	titanium dioxide pigment		000110 ☐H16-		
			ORANGE_BINDER-000112		

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page232 of 244

3213	US Patent database search results "US	Liew Residence	H16-ORANGE_BINDER-			
3213	Class=423-074"	Liew Residence	000113 H16-			
	Class=425-074		ORANGE_BINDER-000115			
			OR IN OLE BIN DER OCCITS			
3214	US Patent database Search results printout	Liew Residence	H16-ORANGE_BINDER-			
3214	4595573: Chlorinator furnace and method for	Liew Residence	000116 H16-			
	producing tetrachloride of such metals as		ORANGE_BINDER-000117			
	titanium and zirconium		OKANGE_BINDER-000117			
	thanium and zheomum					
3215	Kronos Manufacturing processes: Chloride	Liew Residence	H23-MISC_3-000046			
3213	process	Liew Residence	MISC_3-000054			
	process		WISC_3-000034			
2216	Engage from horse Williams and (In a consistent with	I : D: I	H22 WHITE DINDED 2			
3216	Excerpt from book "Pigments (Inorganic)" with handwritten notes	Liew Residence	H23-WHITE_BINDER_3- 000126 H23-			
	nandwritten notes		WHITE_BINDER_3-000127			
			WHITE_BINDER_3-000127			
2217		T. D	THE ELLIE BOND DIDE			
3217	Saint-Gobain Ceramics, Silicon Nitride Bonded	Liew Residence	H9-FLUE_POND_PIPE-			
			000008 H9-			
			FLUE_POND_PIPE-000010			
2210	P. I.G. G. I. I. III.	G				
3218	Paul Cooper Curriculum Vitae	Cooper				
3219	1966 Barksdale, Jelks Titanium Its Occurrence,	Cooper				
2220	Chemistry, and Technology					
3220	Portion of 1988 Lewis, Peter Pigment	Cooper				
	Handbook, Vol. 1					
3221	Eisenberg, Howard Yale University Office of					
	Cooperative Research, Patent Law You Can					
	Use: Patents vs. Trade Secrets					
3222	Kemerton Plant Official Opening Brochure					
3223	2008 Pell, Mel, et al. Perry's Chemical					
	Engineers' Handbook					
3224	Thermal Ceramics Insulating Firebrick,	Liew Residence or				
	Firebrick, Mortars Product Overview	USAPTI Office				
3225	Lawrence Pumps, Inc. Canned Motor Pump	Liew Residence or				
	Solutions i-Can Pumps brochure	USAPTI Office				
3226	Star Refrigeration Case Study No. 42, Star					
	Venture with Huntsman Tioxide					
3227	BETE Spray Dry Manual					
3228	Ametek Process Instruments Process					
	Application Note: Continuous Monitoring of					
	Vanadium Oxytrichloride Impurities during the					
	Manufacture of TiO2					
3229	Wagner, Paul Selecting Elbows for Pneumatic					
	Conveying Systems					
3230	Mandarin document re Nov. 2009 Management			固定资产投资引进设备管理		
	Standards for Equipment Imported with an			标准[285753]		
	Investment in Fixed Assets					
						1

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page233 of 244

3231	Translation of Mandarin document re Nov. 2009			Translation of		
3231				固定资产投资引进设备管理		
	Management Standards for Equipment Imported with an Investment in Fixed Assets					
	with an investment in Fixed Assets			标准[285753]		
3232	Mandarin document re Several Views on	Rodeway Inn, Room		关于攀钢钛产业发展的几点		
	Pangang Titanium Industry	117; sve034263		看法[5099]		
	angung munun muusuy	117, 51005 1205				
3233	Translation of Mandarin document re Several	Rodeway Inn, Room		关于攀钢钛产业发展的几点		
	Views on Pangang Titanium Industry	117; sve034263		看法[5099]_translation		
3234	Mandarin document re Oct. 2009 Management					
	Standards for Equipment Imported with an			进设备管理标准》意见的函		
	Investment in Fixed Assets			附件		
				(2009。9。22) [244484]		
				(20050 50 22) [211101]		
3235	Translation of Mandarin document re Oct. 2009			Translation of		
	Management Standards for Equipment Imported			关于征求《固定资产投资引		
	with an Investment in Fixed Assets			进设备管理标准》意见的函		
				附件		
				(2009。9。22)[244484]		
3236	Warrants issued by Citibank 9-15-2006 from	Luxembourge Stock				
	Luxembourg Bourse	Exchange Website				
3237	Company Nails Overseas Market, Pangang takes	Liew Residence	H16_MISC_00001			
	steps to improve competitiveness					
3238	Mandarin document re Pangang Group Holds	Liew Residence	H4_MISC_7_0001			
3236	International Conference	Liew Residence	114_WIISC_/_0001			
3239	Translation of Mandarin document re Pangang	Liew Residence		Translation of		
3237	Group Holds International Conference	Liew Residence		H4_MISC_7_0001		
	Group Holds International Conference			114_IVIISC_/_0001		
3240	Mandarin document re Resumes of Outside			外聘专家简历[152832]		
	Experts			1		
3241	FBI Translation re Resumes of Outside Experts			FBI Translation [152832]OR		
3242	Documents from Zhuang Kai	Kai Zhuang	C2-004267 - C2-004269			
3243	Translation of documents from Zhuang Kai	Kai Zhuang		Translation of C2-004267 -69		
3244	PISCO Website with references to PISCO-		C2-004107 - C2-004109			
	controlled subsidiaries					
3245	Translation of PISCO Website with references			Translation of C2-004107 - C2-		
	to PISCO-controlled subsidiaries			004109		
3246	PISCO Website with reference to Jinzhou		C2-004110 - C2-004113			
3247	Translation of PISCO Website with reference to			Translation of C2-004110 - C2-		
	Jinzhou			004113		
3248	Printouts related to "Luo Gan"		C2-004122 - C2-004137			
3249	Printouts from websites related to Pangang		C2-004034 - C2-004053			
	Group					

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page234 of 244

3250	Translation of Printouts from websites related ot Pangang Group		Translation of C2-004034 - C2- 004053	
3251	Mandarin document Regarding Pangang Group Titanium Industry Company Limited's Request for Instructions		97188_sve034543_ IBM Thinkpad laptop_(04-28)	
3252	Translation of Mandarin document Regarding Pangang Group Titanium Industry Company Limited's Request for Instructions		97188_sve034543_ IBM Thinkpad laptop_(04- 28)_Translation	
3253	2009 Panzhihua New Steel and Vandium Co Annual Report	Morningstar Website		
3254	Translation of 2009 Pangang Annual Report excerpts	Morningstar Website		
3255	2010 Pangang Group Steel Vanadium & Titanium Co. Annual Report	Morningstar Website		
3256	Translation of 2010 Pangang Annual Report excerpts	Morningstar Website		
3257	2011 Pangang Group Steel Vanadium & Titanium Co Annual Report	Morningstar Website		
3258	Translation of 2011 Pangang Annual Report excerpts	Morningstar Website		
3259	2012 Pangang Group Steel Vanadium & Titanium Co. annual report	Morningstar Website		
3260	Translation of 2012 Pangang Annual Report excerpts	Morningstar Website		
3261	Mandarin Document re Event Chronicle		2002年9月 - 2003年11月5日 大事记-A[156439]	
3262	FBI Translation re Event Chronicle		年9月 - 2003年11月5日大事 记-A [156439]_translation	
3263	Mandarin document re Pangang Group Jinzhou Articles of Incorporation Revised Jan. 2007		071月攀钢集团锦州钛业有 限公司章程[156804]	
3264	Translation of Mandarin document re Pangang Group Jinzhou Articles of Incorporation Revised Jan. 2007		Translation of 071月攀钢集团锦州钛业有 限公司章程[156804]	
3265	Mandarin document re Materials Prepared for the Feasibility Study		10万吨氯化法钛白可研编制资料苏晓东[302607]	
3266	Translation of Mandarin document re Materials Prepared for the Feasibility Study		Translation of 10万吨氯化法钛白可研编制 资料苏晓东[302607]	
3268	South China Morning Post Article re Regulations for the Admin of Technology Import and Export	South China Morning Post		
3269	Yam, Richard An Audit of technological innovation	Lewis		
3270	Serger, China's Fifteen Year plan	Lewis		
3271	Schaaper, Measuring China's Innovation System	Lewis		

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page235 of 244

3272	Zhang, China's State Owned Enterprises Development under the Modern Enterprise System	Lewis			
3273	China Securities Index, SSE Central State- Owned Enterprise Index	Lewis			
3274	Ralston, David, Today's State Owned Enterprises of China: Are they Dying Dinosaurs or Dynamic Dynamos?	Lewis			
3275	Zheng, Guarding State-Owned Assets - the PRC Enterprise State-owned Assets Law	Lewis			
3276	OECD Reviews of Innovation Policy	Lewis			
3277	The Law of the PRC on State-Owned Enterprises	Lewis			
3278	OECD Working Group on Privatisation and Corporate Governance of State-Owned Assets	Lewis			
3279	Frank, Aaron, Woodrow Wilson Center, China Environment Series	Lewis			
3280	Metallurgy, China Steel Monthly Report 20080901-0930	Lewis			
3281	World Trade Organization, Trade Policy Review, Report by the People's Republic of China	Lewis			
3282	China Securities Index, CSI Central State- owned Enterprises Composite Index	Lewis			
3283	Outline of States Secrets Framework in the People's Republic of China	Lewis			
3284	Cong Cao, China's 15-Year science and technology plan, Physics Today	Lewis			
3285	Doyle, Charles, Stealing Trade Secrets and Economic Espionage: An Overview of 18 U.S.C. 1831 and 1832, Congressional Research Service Stealing Trade Secrets	Lewis			
3286	Morrison, Wayne, China's Economic Rise: History, Trends, Challenges, and the Implications for the United States, Congressional Research Service Stealing Trade Secrets	Lewis			
3287	World Trade Organization, Trade Policy Review, Report by the Secretariat, Part 1 (4)	Lewis			
3288	World Trade Organization, Trade Policy Review, Report by the Secretariat, Part 2	Lewis			
3289	World Trade Organization, Trade Policy Review, Report by the Secretariat, Part 3	Lewis			
3290	Naughton, SASAC and Rising Corporate Power in China, China Leadership Monitor, No. 24	Lewis			

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page236 of 244

2201	G : C 1 A A 1 : CC	He Cl. E :			
3291	Szaamosszegi , Cole, An Analysis of State-	US-China Economic			
	Owned Enterprises and State Capitalism in	and Security Review			
	China, US-China Economic and Security	Commission Website			
	Review Commission				
3292	Clarke, Donald, Corporate Governance in China,	Lewis			
	Univ. of Washington Law School				
3293	Feng, Nielsen, Trade Secrets In China, AIPLA	Lewis			
	Spring Meeting				
3294	Springut, Micah, China's Program for Science	Lewis			
	and Technology Modernization: Implications for				
	American Competitiveness, US -China				
	Economic and Security Review Commission				
	•				
3295	Ninth Circuit Upholds First Trial Conviction	Lewis			
	under Sec. 1831 of the Economic Espionage Act				
	of 1996, US v. Chung, 659 F. 3d 815 (9th Cir.				
	20111)				
3296	Global Patent Filings Rise 6.6% in 2012, WIPO	Physora com: Lawis			
3270	reports, Physorg.com	Thysorg.com, Ecwis			
3297	Indictment, US v. Huang, 1:10-cr-0102,	Lewis			
3491	Southern District of Indiana	Lewis			
3298	Lewis, Don, Rio plus 20 and Beyond, Biores	Lewis			
3298	Vol. 6, Issue 4	Lewis			
2200		т .			
3299	McGregor, James, China's Drive for Indigenous	Lewis			
	Innovation, Global Intellectual Property Center				
2200	WI FILL M. D A. I	T .			
3300	Who Filed the Most Patent Applications in	Lewis			
	2012?, World Intellectual Property Organization				
3301	Lewis, Margaret, "Mutual Legal Assistance and	Lewis			
	Extradition: Human Rights Implications				
3302	East Asia Forum, Stern Hu and China's 'rule of	Lewis			
	law'				
3303	Cohen, How China Handles 'State Secret'	Lewis			
	Prosecutions-Xue Feng's Case (SCMP), US-				
	Asia Law Institute				
3304	Jernudd, Sigrid, China, State Secrets, and the				
	Case of Xue Feng: The Implication for				
	International Trade, 12Chi J Intl L309				
3305	Jones Day Traps for the Unwary in Disputes	Lewis			
	Involving China				
3306	China Vitae, Biography of Luo Gan	Lewis			
3307	"DuPont's Pangang suit related to Shandong	Lewis			
	project: report", Want ChinaTimes.com				
	•				
3308	Anshan to acquire Pangang, Steel Times	Lewis			
	International				
3309	Anyang appointed to acquire Pangang Report,	Lewis			
			I .	1	I and the second

Case3:11-cr-00573-JSW Dogwing Filed01/06/14 Page237 of 244

3310	Xia, Ming , "The Communist Party of China and the Party State", New York Times	Lewis			
3311	Reforming China's Approval System for Investment Projects, China Law & Practice	Lewis			
3312	State Council Reform of the Investment System Decision 2100, China Law & Practice	Lewis; Westlaw			
3313	National Development and Reform Commission Verification of Enterprise Investment Projects Tentative Procedures, China Law & Practice	Lewis; Westlaw			
3314	China's New Technology Import Regime, Morrison Foerster	Lewis			
3315	MOFCOM issues new regulations on technology imports and exports, Lexology	Lewis			
3316	DuPont Spending 1 Billion USD Building a Plaint in Shandong, Highbeam	Highbeam Public Website			
3319	Global 500, CNNMoney.com	Lewis; CNN Money Website			
3320	Top 20 Chinese private companies 2012, China.org.cn	Lewis			
3321	Enactment of the Enterprise State-Owned Assets Law, Paul Hastings	Lewis			
3322	WIPO-Administered Treaties WIPO Bodies - China, World intellectual Property Organization	World Intellectual Property Organization Website			
3323	WIPO Members - CHINA, World intellectual Property Organization	World Intellectual Property Organization Website			
3324	PCT Resources from WIPO, World intellectual Property Organization	World Intellectual Property Organization Website			
3325	State Owned Assets Supervision and Administration Commission of the State Council – Chinese	State-owned Assests Supervision and Adminstration Commission of the State Council Website			
3326	Translation of State Owned Assets Supervision and Administration Commission of the State Counci	State-owned Assests Supervision and Adminstration Commission of the State Council Website			

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page238 of 244

3327	Anshan Iron and Steel Group Home Page and Overview	Anshan Website			
3328	Ansteel Iron and Steel Group Home Page In Chinese 鞍山钢铁集团公司	Ansteel Website			
3329	Ansteel Translation	Ansteel Website			
3330	Sinosteel Corporation Home page in Chinese 中国中钢集团公司	Sinosteel Website			
3331	Sinosteel Translation	Sinosteel Website			
3332	Lionel Vairon, China Threat? The Challenges, Myths and Realities of China's Rise	Lewis			
3333	Lewis, Joanna, Green Innovation in China	Lewis			
3334	Lieberthal, Governing China from Revolution Through Reform	Lewis			
3335	Lieberthal and Lampton, Bureaucracy, Politics, and Decision-Making in Post-Mao China	Lewis			
3359	Mandarin document re Bylaws of Pangang Group Jinzhou		攀锦钛业章程修正[156705], Bylaws of Pangang Group Jinzhou Titanium Dioxide Industry Co., Ltd.		
3360	Translation of Mandarin document re Bylaws of Pangang Group Jinzhou		Translation of 攀锦钛业章程修正[156705], Bylaws of Pangang Group Jinzhou Titanium Dioxide Industry Co., Ltd.		
3361	Mandarin document re Ground-breaking ceremony	Liew Residence; SVE034326	攀钢氯化法钛白工程在重庆 长寿化工园区奠基[469783]		
3362	Translation of Mandarin document re Ground- breaking ceremony	Liew Residence; SVE034326	Translation of 攀钢氯化法钛白工程在重庆 长寿化工园区奠基[469783]		
3363	Mandarin document re Foreward and Standards for Management of Investments		攀钢投资管理标准[2323]		
3364	Translation of Mandarin document re Foreward and Standards for Management of Investments		Translation of 攀钢投资管理标准[2323]		
3365	Mandarin document and translation re Basic Information on the Enterprise re Pangang Jinzhou		报送攀钢2005年企业基础材料[156239] and translation		
3366	Fax From Zisko to Chapman re purchase order and wire transfer	Liew Residence or USAPTI Office			
3367	Email from Wells to Amerine re FLSMIDTH Delta-Stak Clarifiers	Liew Residence or USAPTI Office			
3368	Ceramic Liners	Liew Residence or USAPTI Office			
3369	Therma-Flite proposal for design of Cooling Screw	Liew Residence or USAPTI Office			
3370	Gravity Settler from Lamella	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogwier 1661 Filed01/06/14 Page239 of 244

3371	Heat Exchangers from Alfa Laval	Liew Residence or USAPTI Office			
3372	Email from Mike Lott to Steve Amerine re proposal for Pakers from PSI				
3373	Proposal from David Luzan to Steve Amerine for Pneumatic Conveying System	Liew Residence or USAPTI Office			
3374	Applied Analytics quote from Julie Roy to Allen Chiang; brochure re Vanadium Analyzer	Liew Residence or USAPTI Office			
3375	Thayer Quote from Thomas Picone to Steve Amerine re volumetric Feeder for Micronizer	Liew Residence or USAPTI Office			
3376	Reference for FAN-504	USAPTI Office	O15-EQUIP_SPEC_VOL_1- 000084 - O15- EQUIP_SPEC_VOL_1- 000092		
3377	Proposal for Cage Mill Flash Drying Systems	Liew Residence	H9-FLASH_DRYER- 000003 - H9- FLASH_DRYER-000007		
3378	Fax to Performance from Spray Analysis re invoices	USAPTI Office	O14-MISC-07-000071 - O14- MISC-07-000076		
3379	Letter from Spray Analysis to Walter Liew re CFD ANALYSIS for Various Applications in the TiO2 manufacturing process	USAPTI Office	O14-MISC_07-000067 - O14-MISC_07-000070		
3380	Letter to Liew from Steven Page re TICl4 Project Control Description Proposal	Liew Residence or USAPTI Office			
3381	Miscellaneous Documents re Tze Chao				
3382	Miscellaneous Documents re Tze Chao				
3383	Invoice & Receipt from Asia Travel to Tze Chao, and handwritten notes				
3385	Business cards rec's from Maegerle				
3386	Email from Hensiek to Liew re Purge Type Rotameters Flow Information Attaching: PER 101 is-025-FICV-purge revA-18Jul08.pdf	Yahoo! Email	C2-000006.00001841 - C2- 000006.00001844		
3387	Email to Liew from Baker re TiCl4 Viscosity; Attaching: Data Sheet of Millenium TiCl4 Pure.pdf; Data Sheet of Millenium TiCl4 Standard.pdf	Yahoo! Email	C2-000006.00001616 - C2- 000006.00001618		
3388	Email from Bhatnagar to Able Baker re PER101- Vanadium Analyzer, 2 attachments	Yahoo! Email	C2-000006.00001733 - C2- 000006.00001747		
3389	Email from Amerine to Walter Liew re TiO2 Lamella Project; Attaching: Performance Group,CA(LGS Design)100308.pdf; lgn570fc.pdf	Yahoo! Email	C2-000091.00015050 - C2- 000091.00015052		
3390	USAPTI 100,000 MTPY TiO2 by Chloride Route Process Project Process Flow and Piping & Instrumentation Diagrams	Liew Residence or USAPTI Office			

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page240 of 244

3391	Book of Collected Business Card					
3392	Contract between Ning Qiao and Walter Liew	C. Liew				
3393	Performance Group Commercial Invoice billed	Liew Residence or				
	to Pangang Group	USAPTI Office				
3394	Memo Board of Directors ESI Equipment &					
3374	Engineering PTD Ltd. To BSP Management Pte					
	Ltd.					
3395	Contract between Ning Qiao and Walter Liew	C. Liew				
3393	(Mandarin)	C. Liew				
2207	,	NC 0E 3	G2 000012 0000 (700 G2			
3397	Email from Marc Bernstein to Jian Liu re	Microsoft Email	C2-000013.00006788 - C2-			
	DuPont v. USA Performance Technology, Inc.,		000013.00006789			
	et al.					
3399	Photograph of Liew Family					
3401	Business Documents re ESI Equipment And	Lorraine Lee; FBI	C2-003816 - C2-003825			
	Engineering PTD Ltd., labeled C2-003816 - C2-					
	003825					
3402	Housley, Kathleen L. "Black Sand The History	John Liu	C2-000157 - C2-000251			
	of Titanium" Metal Management Aerospace,					
	Inc, 2007					
3403	Agreement between USA Performance	John Liu	C2-000092 - C2-000093			
	Technology Inc. and John Jian Liu					
3404	Email from Jian Liu to Marc Bernstein re	Microsoft Email	C2-000013.00001756 - C2-			
	Meeting with DuPont		000013.00001759			
3406	Know How Contract for Manufacturing of TiO2	Liew Residence or				
	Pigment By Chloride Process Using Titanium	USAPTI Office				
	Slag Contract No.: 98US11AMDG052J	obin il ollico				
3407	Safe Deposit Box Lease at Bank of East Asia for	Bank of Fast Asia				
3407	Christina Hong Qiao Liew	Bank of East Asia				
3408	USAPTI Equipment Specifications for 100K	Liew Residence or				
3400	Project	USAPTI Office				
3409	Screw Conveyor Calculations	USAPTI Office;		Screw Conveyor Confirmation		
3409	Sciew Conveyor Calculations	SVE034297		Calc.xlsx		
2410				Calc.xisx		
3410	Cover, table of contents and excerpts for Chang	Amazon				
	He Liu Textbook "Titanium Dioxide Production					
	& App Technologies"					
3411	Translation re Cover, table of contents and	Amazon				
	excerpts for Chang He Liu Textbook "Titanium					
	Dioxide Production & App Technologies"					
3412	July 6, 1967 Agreement between Du Pont de	Dupont	DWL0000411			
	Nemours and The Sherwin-Williams Company					
3413	Maegerle awards and recognitions	Maegerle Residence				
3414	Google earth image: Edge Moor Flue Pond	Google; Maegerle				
3415	The Chlorine Institute Pamphlet 9, 7th Edition	Maegerle				
	•	-				
3416	Google earth shot	Google; Maegerle				
	1 0					

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page241 of 244

3417	Tze Chao C1 Documents: Email Connie G.	Tze Chao	I			
3417	Hubbard to George P amlin, Norman B shurak,	1ze Cnao				
	et al. re Ore Observations from Jim Reeves					
	et al. le ole observations from this Recves					
3418	Tze Chao C1 Documents: Misc. collection of	Tze Chao	TZ000017 - TZ000029			
5.10	documents	The Cina	1200001, 1200002,			
3419	Tze Chao C1 Documents: Misc.	Tze Chao	TZ000030 - TZ000041			
	drawings/diagrams					
3420	Tze Chao C1 Documents: High Velocity Reactor	Tze Chao	TZ000066 - TZ000074			
	Update					
3421	Tze Chao C1 Documents: Misc. Diagrams	Tze Chao	TZ000260 - TZ000265			
3422	Tze Chao C1 Documents: SRI International Report: Titanium Dioxide Pigment by George E. Haddeland and Shirgeru Morikawa	Tze Chao	TZ000489 - TZ000816			
3423	Tze Chao C1 Documents: Mandarin cover page; DuPont Slurry Manual	Tze Chao	TZ000869 - TZ001092			
3424	Tze Chao C1 Documents: Basic Data Guide for White Pigments Projects	Tze Chao	TZ001358 - TZ001383			
3425	Tze Chao C1 Documents: DuPont Oxidation & Reduction of Ilmenite And Reduction of Pseudobrookite Volume 1	Tze Chao	TZ002373 - TZ002612			
3426	Tze Chao C1 Documents: Letter from Dat to Elaine attaching Tioxide Europe Limited Greatham Works article re The Greatham Chloride Process	Tze Chao	TZ003167 - TZ003178			
3427	Tze Chao C1 Documents: Diagram re Altamira Plant	Tze Chao	TZ003440			
3428	Tze Chao C1 Documents: Misc. documents	Tze Chao	TZ005301 - TZ005307			
3429	Tze Chao C1 Documents: Email from Leo Chiang to Connie Hubbard re Sachtelben Re- enters PlasticsAP Notes; Attaching Hombitan R611 Product Information	Tze Chao	TZ005333 - TZ005337			
3430	Tze Chao C1 Documents: Multiple emails from Connie Hubbard to Connie Hubbard	Tze Chao	TZ006118 - TZ006126			
3431	Tze Chao C1 Documents: IBMA Report prepared for DuPont	Tze Chao	TZ010032 - TZ010151			
3432	Tze Chao C1 Documents: Publication re Jinzhou TiO1 Plan Expansion Plan Proposal	Tze Chao	TZ010502 - TZ010617			
3433	Agreement between DuPont and BE&K Construction Company	Dupont	DTT0002228 - DTT0002278			
3434	Agreement with Ciba agreement with Ciba	Dupont	DTT0003369 - DTT0003373			
3435	R. Maegerle sketches	Maegerle Residence; USAPTI Office				
3436	Hua Qiao identification cards	FBI		NBD1683.JPG		
3437	W. Liew, C. Liew and Shu H. Zuo identification			H29_ITEM_20_00040.pdf		
	cards					

Case3:11-cr-00573-JSW Dogweent661 Filed01/06/14 Page242 of 244

		Gmail			
	July 26, 2011 Email from combkk@gmail.com				
	on behalf of "Thongchai@usapti.com to Liew;				
3438	Subject: From Thongchai				
	Screenshot of Reference Materials folder from	USAPTI Office			
3439	USPTI server				
		Bank of East Asia;			
	USA Performance Technology, Inc. Job	Safety Deposity Box			
3440	Description for Mechanical Engineer				
	Resume for Thongchai Thongthawee with	Gmail			
3441	Example of Work				
		Bank of East Asia;			
	Employee List of USA Performance	Safety Deposity Box			
3442	Technology, Inc. as of June 1, 2010	Bulety Deposity Box			
3772	recimology, inc. as of June 1, 2010	USAPTI Office			
	Mars 19, 2010 Empil from Lines to Managed	USAF II Office			
	May 18, 2010 Email from Liew to Maegerle;				
2442	Oduca; Wong: Chang; Chan; Dennison; Parulan.				
3443	Subject: Update on BD meeting in China				
2444	Thai version of Police Statement between Chris				
3444	Cantrell and Cynthia Ho				
	English version of Police Statement between				
3445	Chris Cantrell and Cynthia Ho				
	Feb 22, 2011 Email from Thongchai to	Gmail			
3446	Thongchai re NOTE-FEB2211				
	Dec 8, 2010 Email from Thongchai to	Gmail			
	Thongchai re: compressible flow; attaching				
3447	Microniser_Cals-V2.xlsx				
		Gmail			
	Jan. 7, 2011 Email from Thongchai to Thonchai				
	re WEEK01-11-works LOG; Attaching Note-05-				
	jan-11.txt; CompressibleFlow-Ducted.pdf; Note-				
	03-Jan-10.txt; note-07-Jan-11.txt; Note-06-jan-				
3448	11.txt				
	Email from Thongchai to Thongchai re all-	Gmail			
3449	NOTE; attaching ALL_NOTES.rar				
	DVD of July 14, 1988 NL Chemicals, Inc. News				
3450	Conference, Lake Charles, LA				
	Screenshot from DVD of July 14, 1988 NL				
	Chemicals, Inc. News Conference, Lake				
3451	Charles, LA				
	Screenshot from DVD of July 14, 1988 NL				
	Chemicals, Inc. News Conference, Lake				
3452	Charles, LA				
3 132	Screenshot from DVD of July 14, 1988 NL				
	Chemicals, Inc. News Conference, Lake				
3453	Charles, LA				
3433					
	Screenshot from DVD of July 14, 1988 NL				
3454	Chemicals, Inc. News Conference, Lake				
3434	Charles, LA				

Case3:11-cr-00573-JSW Dogwpent661 Filed01/06/14 Page243 of 244

3455	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3456	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3430	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake			
3457	Charles, LA			
3458	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3459	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3460	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3461	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3462	Screenshot from DVD of July 14, 1988 NL Chemicals, Inc. News Conference, Lake Charles, LA			
3463	Disclosure Statement of James V. Feinerman			
3464	"About Wikipedia", from Wikipedia.org			
3465	"Economy of China", from Wikipedia.org			
3466	"State-owned Assets Supervision and Administration Commission", from Wikipedia.org.			
3467	"State Administration of Foreign Experts Affairs", from Wikipedia.org.			
3468	"Communist Party of China", from Wikipedia.org.			
3469	"Organization Department of the Communist Party of China Central Committee", from Wikipedia.org.			
3470	"Panzhihua Iron and Steel", from Wikipedia.org.			
3471	"Panzhihua New Steel and Vandium", from Wikipedia.org.			
3472	"Luo Gan", From Wikipedia.org			
3473	"863 Program", from Wikipedia.org			
3474	"Five Year Plans of the People's Republic of China", from Wikipedia.org			
3475	Screenshot of "Communist Party Of China", from Wikipedia.org.			
3476	Screenshot of "Five-year plans of the People's Republic of China", from Wikipedia.org.			

Case3:11-cr-00573-JSW Document661 Filed01/06/14 Page244 of 244

3477	Annotated Disclosure Statement of James V.			
	Feinerman			
3478	July 27, 1997 Letter to A.C. McCullin of E.I.			
	DuPont from R.J. Maegerle with attached letter			
	from Mike Marinak			